

THE AMERICAN School Board Journal

October



Oct. 1901.
Vol. XXIII. No. 10.

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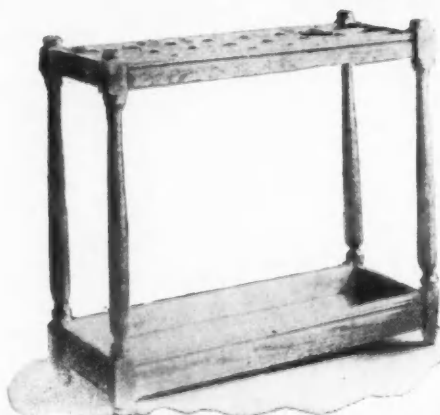
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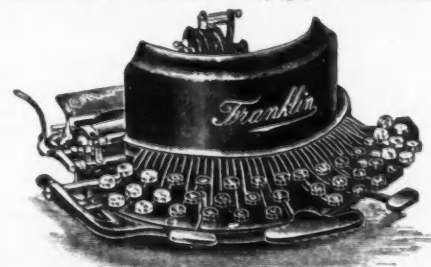
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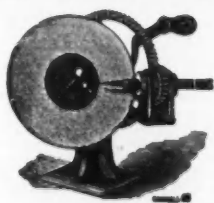


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(See Commencement.)

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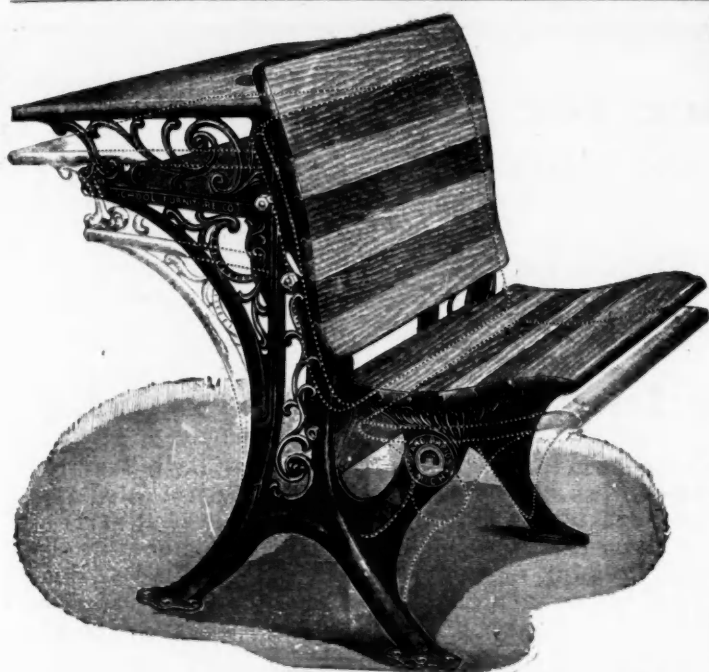
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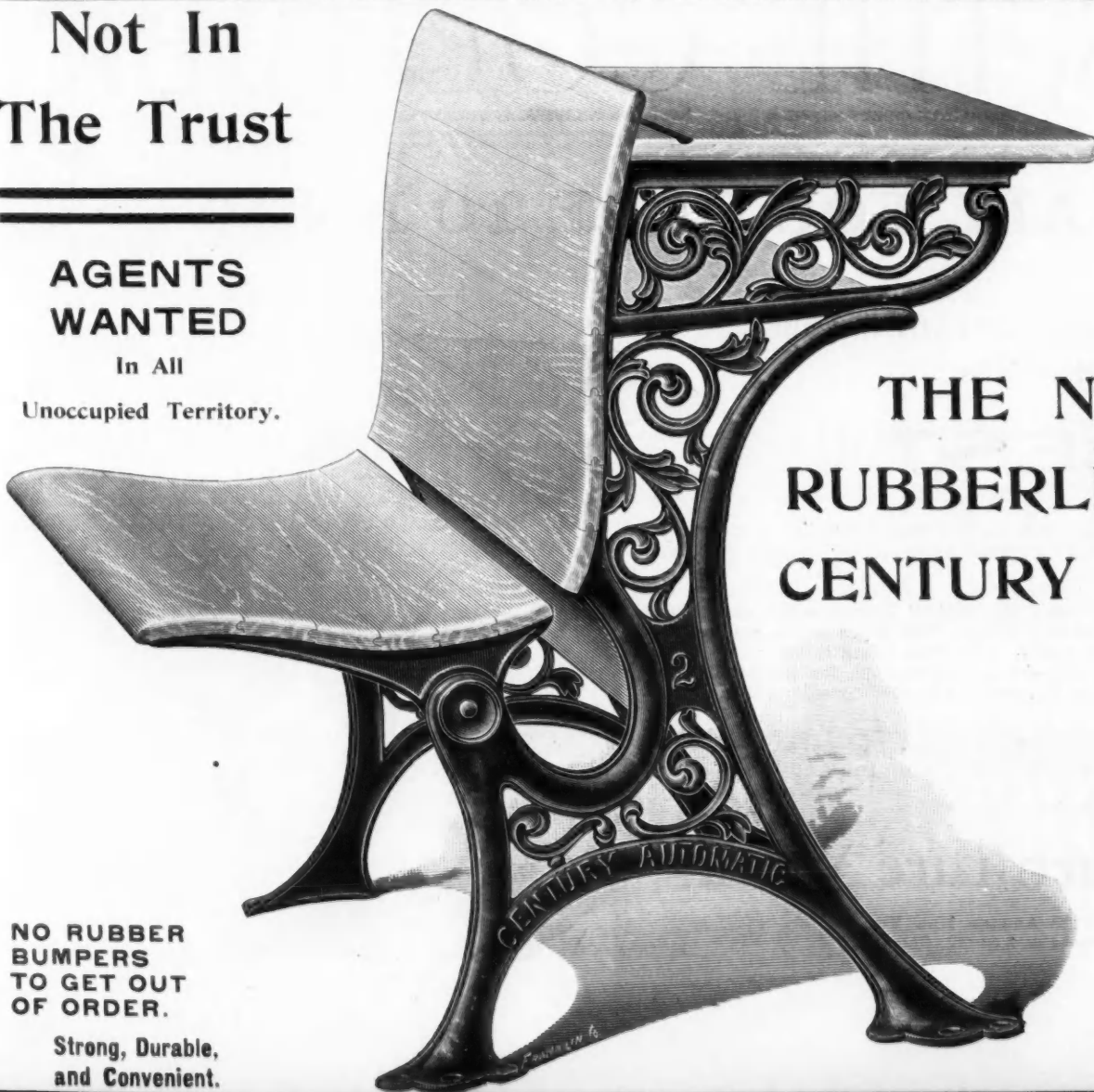
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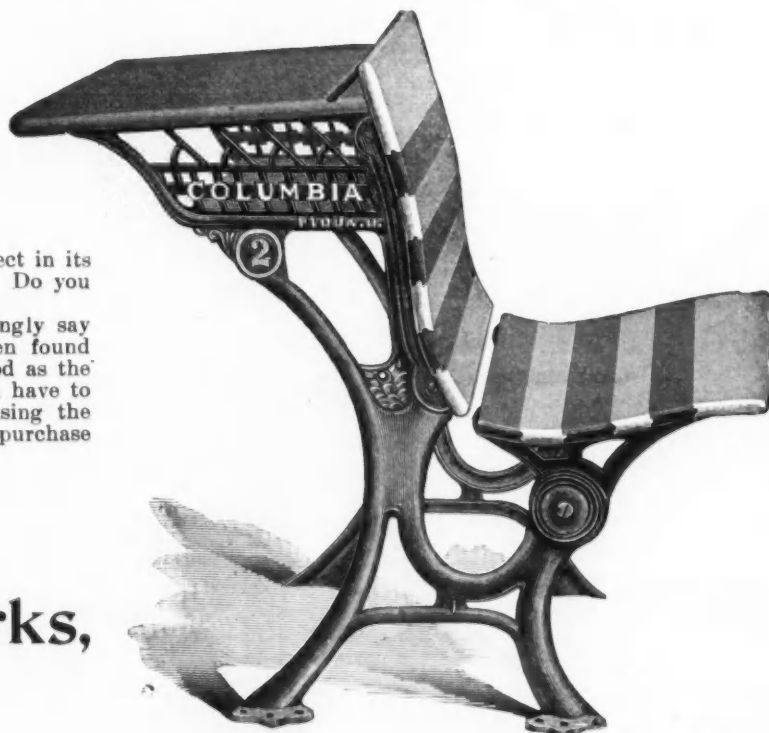
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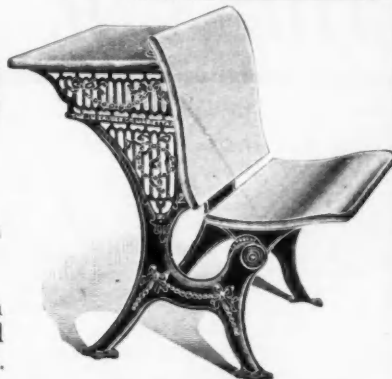
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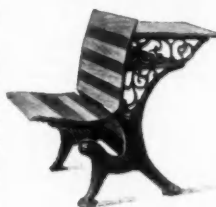
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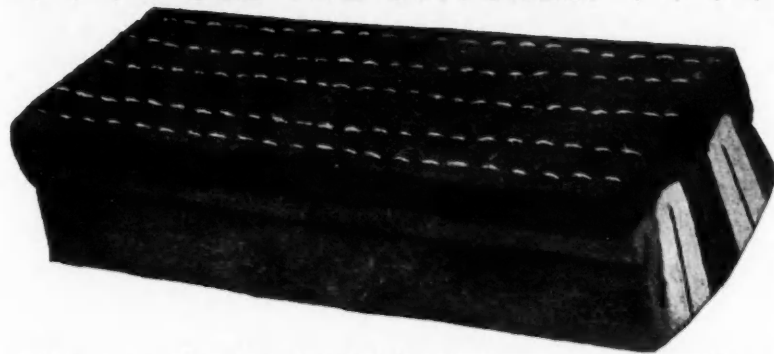


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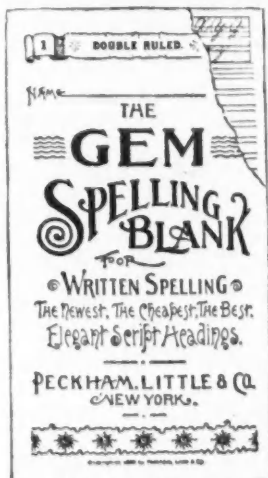
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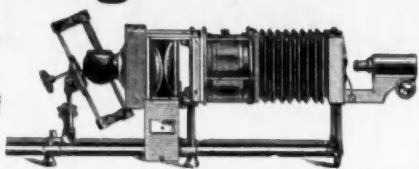
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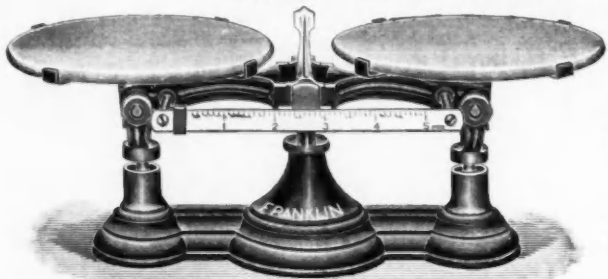
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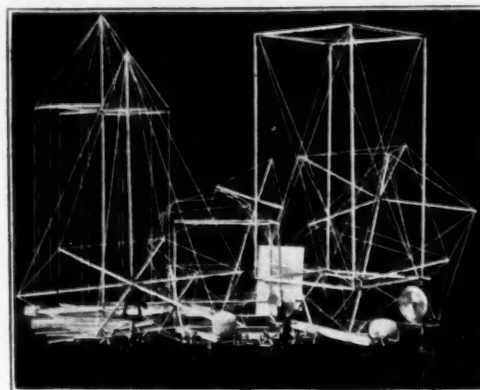
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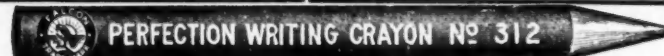


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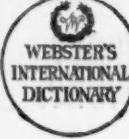
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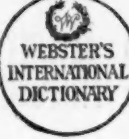
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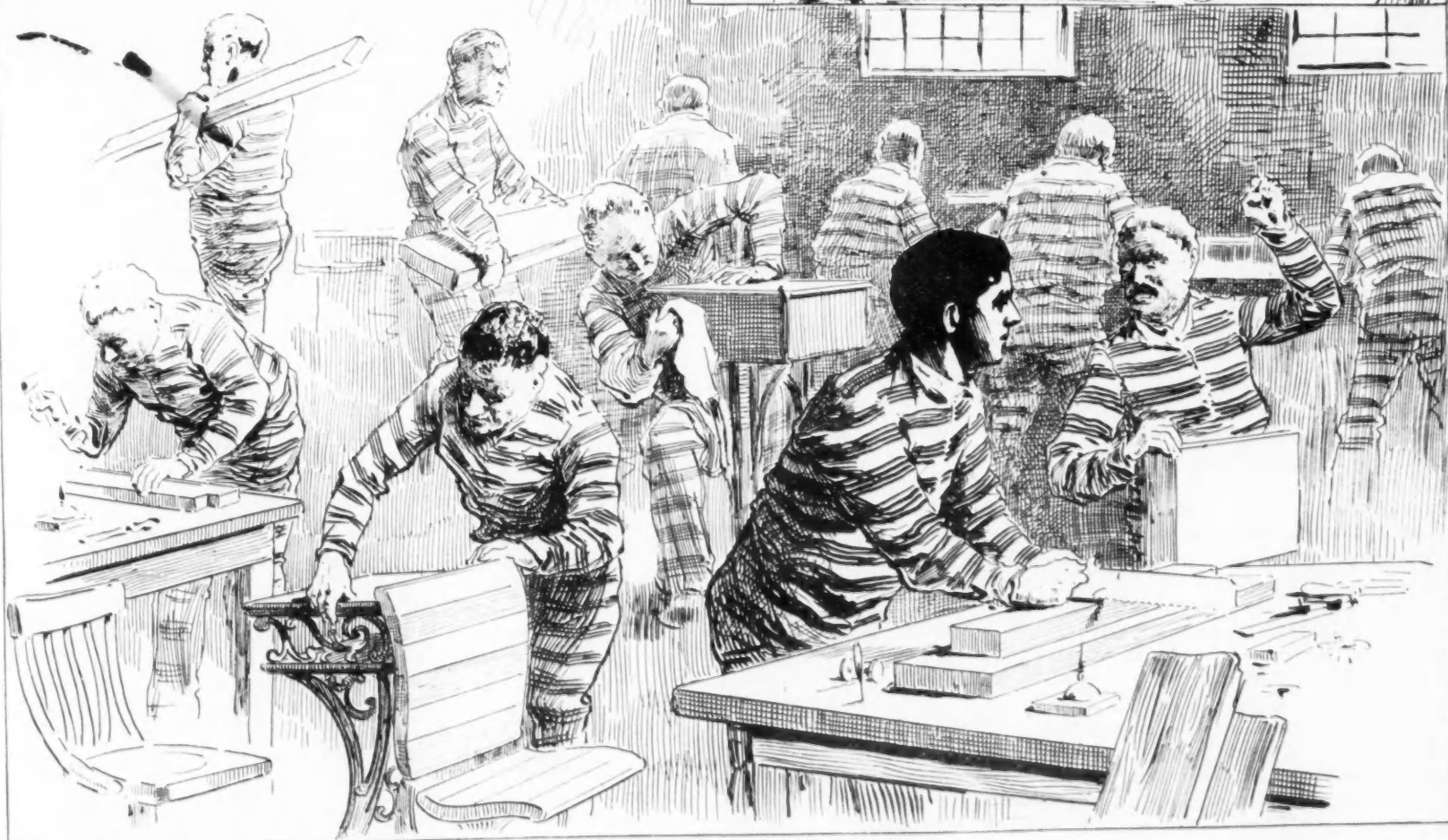
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THE ASSASSINATION.



LEON CZOLGOSZ.

THE POSSIBILITIES OF AN OBNOXIOUS SCHOOL LAW.

How the Assassin, Leon Czolgosz, would have had the distinction of making school desks for the children of New York State if President McKinley had survived. A telling story of a piece of un-American school legislation. (See Editorial.)



Schools and School Districts.

Where two members of a school board went to the house of the third member between daylight and sunrise in the morning, and held a meeting of the board of which no notice had been given, and which such third member protested against and declined to participate in a contract with a teacher, authorized at such meeting, and signed by such two members, is not binding on the district, and cannot be recovered on refusal of the district to accept the services. *School Dist. No. 49, Faulkner County v. Adams, Ark.*

The term of C. as trustee, which would have expired July 1, 1898, was extended by act of March 17, 1898, to July 1, 1899. In October, 1898, H. was elected to succeed C, and C at once quit his office and permitted H to enter upon his duties. H died in March, 1899, and the county superintendent appointed J to fill the vacancy, caused by his death. Held, that J, who entered at once upon his duties, became de jure trustee for the term for which H was elected, though he was appointed before that term began. *Mattingly v. Vaneleave, Ky.*

Under the law, providing that annually the board of directors of a sub-school district shall meet and organize by choosing a president and secretary and also a treasurer, such treasurer is an appointed officer, within the law, providing that appointed officers may be removed at the pleasure of the power by which they have been appointed. *Commonwealth v. Sulzner, Pa.*

The courts cannot remove school directors for not providing an additional schoolhouse, where the refusal of the directors to provide the schoolhouse is not shown to be willful and arbitrary. *In re Muhlenberg Tp., Pa.*

Where a schoolhouse is being erected by the trustee of a school township, and he borrowed money from plaintiff to pay the contractor, by representing that the township has not the necessary funds, and the money is paid to the contractor, the plaintiff may recover the sum loaned from the township, though the trustee had no power to borrow the money. *White River School Tp., Ind.*

Plaintiff sued to recover for work done in repairing a heating plant, which he had constructed for defendant, and which was damaged by a freeze. Plaintiff, having completed the plant, notified the chairman of the building committee to take charge of it or it would be shut down. The chairman referred him to the superintendent of schools, who told him that they would put the licensed engineer in charge. On the following day, the superintendent of construction for defendant told plaintiff not to shut down the plant, and that the superintendent of schools had directed him to put the janitor in charge. The general contractor, who was not an employe of defendant, instructed the janitor to take charge, and he did so. The superintendent of schools had a general supervision of janitors by virtue of his office. Held, that as plaintiff was referred to such superintendent, and as a result of such reference possession was surrendered to the janitor, the defendant must be held to have assumed control, and was responsible for the injury which followed. *Kreutz v. St. Cloud Dist. 85, Minn.*

On a bill in equity to restrain school directors from carrying out a contract for the purchase of school books, a preliminary injunction will be continued where it is not pretended that two of the directors had any notice of the meeting at which the contract to purchase was en-

tered into, or that they were even consulted with reference to the terms of the contract, or that it was ever authorized or ratified by the board acting as such, or that any record of the action of the three or four directors who made the contract was even entered upon the minutes. *Mitchell v. Kearns, Pa.*

School orders, drawn by the president and secretary of a school board on the treasurer of the board, are not negotiable, and the transfer of such orders to an innocent holder does not prevent the school board from setting up any defense against the indebtedness for which the orders were given. *Stephens v. Wyoming School Dist., Pa.*

The county superintendent of schools has no power to refuse to examine a teacher on the ground that he held examinations at a particular period of the year and the teacher did not appear at such examinations. *Stroup v. Beer, Pa.*

Children living in a school district in one county, but not within 1 1/2 miles of the schoolhouse, attended school in an adjoining district in another county, and the officers of the former district knew of such fact, and that the latter district was demanding payment therefor. After the children quit such school, the officers of the former district agreed to pay their tuition. Held, that the latter district could recover the expense of such tuition from the former, since every district is bound to provide school facilities for the children thereof, and the law, providing that children residing in one school district may attend school in another may agree, recognizes the right to make such arrangement by contract. *Weldon Independent School Dist., of Decatur County v. Shelby Independent School Dist., of Clarke County, Pa.*

New Rules and Regulations.

Chicago, Ill. During the past year it has been a requirement that all applicants for the appointment of teachers must pass a physical examination. The enforcement of the rule has resulted so satisfactorily that it is to be continued.

Manchester, Va. The age limit at which children can enter the schools has been changed from 5 to 7. This was found necessary on account of the over-crowded condition of the primary schools.

Rockford, Ill. The board favors the restoration of the rod where moral persuasion has failed to make an impression on an incorrigible pupil.

New Haven, Conn. By orders of the county health officers of the state the schoolhouses in all the towns of the state were fumigated before the opening of the fall term to prevent contagious diseases.

Earlville, Ill. The board has refused to allow the alumni association the use of the school for dancing.

Wilmington, Del. It has been given out that in the future teachers will be promoted for merit. The superintendent is to keep a careful watch upon the teachers and when a vacancy occurs the teacher possessing the most ability will be promoted. Heretofore the teachers were advanced according to a roster and each one knew that he or she would be promoted certainly to the next place ahead when a vacancy occurred.

Aberdeen, S. Dak. No person can secure employment as teacher who is the wife of the superintendent or the wife of any other person employed as a teacher therein, or is living with her husband or has the care of a family.

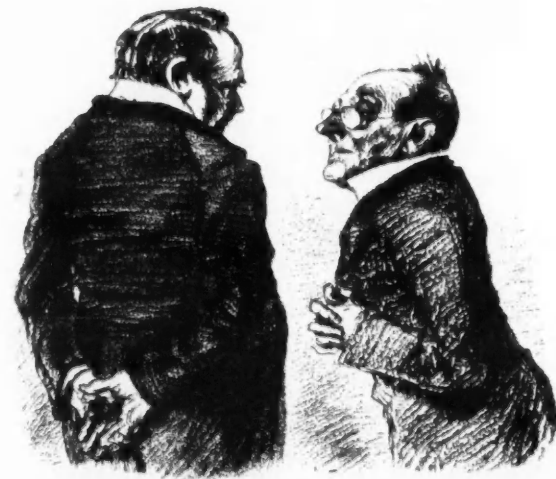
McKeesport, Pa. The faculty system in the grades below the high school has been abolished. Hereafter the teachers will not be required to teach special branches but they will give instruction in all branches over which they preside.



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Seattle, Wash. Married women are not eligible for election as teachers. Married men with families are given preference.

San Francisco Cal. The board has instituted a new and what is deemed an efficient method of selecting school teachers. The plan provides for electing the teachers chronologically and yet automatically as under the old system. Civil service stripped of meaningless superfluities, and brought to the point of practical usefulness, is the solution. The eligible list for assignment to positions in primary and grammar schools is at no time to contain more than fifty names. Three ways are devised for obtaining these eligibles. First, experienced teachers who have shown themselves unusually efficient and who have not taught more than twenty years. These shall constitute four-tenths of the eligible list. Second, unusually promising graduates of training schools. These shall constitute three-tenths of the eligible list. Third, other qualified persons on application and competitive examination. The examinations will be conducted by the board. After the completion of the three lists appointments are to be made in the order of merit from the best suited to the vacancy to be filled. The true merit system which requires that appointment shall harmonize with standing is to be applied in all cases. The old system of election, according to priority of service, compelled the appointment frequently of unfit persons to positions of special responsibility. With the three lists to draw from, however, the difficulty is solved, and each and every vacancy may be filled by the teacher qualified for it. Where a teacher of experience is required, for instance, the experience list is used, and where the more ordinary places are vacant, the draft may be upon the plain eligible list. But in every case the choice is to be made strictly according to standing.



School Director—If Froebel were alive today what would be his sentiments on our discussions?
Superintendent (wearily)—He would be glad he is dead, I presume.

Among Boards of Education

ONE OR TWO SESSIONS FOR HIGH SCHOOL.

Several Opinions on this Much Floated Question.

Superintendent W. A. Hester, of Evansville, Ind., has made an exhaustive study as to whether two sessions a day or one is the better in the high school. In his report to the board of education he strongly favors two sessions daily. His report to the board follows:

Throughout almost its entire history the practice of our high school has been to hold two daily sessions of school, each day's program of work being divided into as nearly two equal parts as is practicable, the morning session being separated from the afternoon session by a noon intermission of sufficient length to permit the students living within the corporate limits of the city to go to their homes for lunch.

The question of a continuous daily session with a noon intermission merely long enough to permit the eating at the building of cold lunches brought by students from their homes, followed by a proportionately earlier dismissal in the afternoon, has been broached and discussed a number of times within the past two years, several teachers and a goodly number of students expressing the wish that the one-daily-session plan might be adopted.

Noon Walks too Long.

The strongest argument advanced by the advocates of the one-session plan, as opposed to the two daily sessions, is the fact that the noon walk required of some students and teachers by the two-session plan is too long for them to take, especially in inclement weather.

One Session in Large Cities.

In the largest cities of the country, such as New York, Chicago, Boston, St. Louis, Louisville, and some others, where the large majority of the students attending the high schools must go long distances to school—in many cases six, eight and ten miles—the "long distance argument" is conclusive and the one-daily-session plan is in vogue per force of necessity.

Argument Does not Apply Here.

The comparative nearness of the high school of this city to all of its students and instructors, and the general permission which is granted to all who live as far as twelve squares from the building to carry noon lunches with them and thus avoid long noon walks, renders the "long distance argument" virtually void so far, at least, as our own school is concerned.

Better Reasons for Two Sessions.

But there are other and, it seems to me, better reasons favoring the two-session plan which I submit for your consideration.

These reasons are, in my judgment, of sufficient weight to justify us in continuing the two-daily-session policy.

At the present time the morning session at the high school begins at 8:45 and ends at 11:45. The afternoon session opens at 1:30 and closes at 4:00. This affords five and one-half hours each day for study and recitation at the building, with a period of one hour and forty-five minutes at noon for mental rest and physical recreation.

In the majority of the high schools which have one session of school daily, the opening hour is 9:00 a. m., and the closing hour not later than 2:00 p. m., with an intermission at noon for lunch of not longer than thirty minutes. This gives the student four and one-half hours of actual school work, or five hours at the building of almost continuous mental strain,

the thirty minutes lunch period at noon affording very little opportunity for the much needed mental rest and physical relaxation.

One Session Requires Much Study.

Though the one-session plan makes the students' say at the building one hour less than is expected of him by the two-session plan, it requires one hour more of study at his home.

New Building Specially Adapted to Student Work.

One of the things aimed at in the reconstruction of the high school building in the summer of 1896 was the prevention of the necessity for excessive home study on the part of high school students providing them with large, well lighted, comfortably heated and thoroughly ventilated study rooms where they might study without interruption under the guidance of skilled teachers, and in close proximity to carefully selected libraries and well equipped laboratories.

These advantages a large proportion of our students would cease to enjoy should the daily session be so shortened as to convert one-half of their present study into recitation periods; for such would be the result of the shortening of the daily session and the denial of the noon rest.

A few of the stronger and more determined and ambitious of the students might voluntarily remain longer than 2 p. m., and a few teachers might be willing and physically able to remain with them and direct them in library or laboratory work; but such should not be expected of students nor required of teachers. After their five hours of confinement to the school rooms and their four and one-half hours of almost ceaseless concentration of mind, they should all seek a change, a rest, and permit the recuperative powers to do their work in rebuilding both brawn and brain.

High School Students Petition.

A few months ago a little company of high school students, professing to represent the majority of their associates, addressed a very kindly worded petition to me requesting me to consider very seriously the advisability of a change from the present two-daily-session plan to the apparently more desirable but untried one-session plan.

Students Answer Questions.

In order that I might not make a mistake in my decision, whether in acceding to their request or in declining to grant it, I directed that a series of questions be addressed to the entire body of students to be answered by them in writing.

These questions were answered by 499 students. Their replies disclosed the fact that 10 per cent of their number have no dictionaries at their homes and 25 per cent small dictionaries only that are measurably worthless for high school use; that 39 per cent have no access to encyclopedias at their homes, their only opportunity to consult such works being while they are at the high school building; that 41 per cent have no reference books of any other character in their home libraries, and that 42 per cent must study in the family rooms at home amid the interruptions common to such places in all of our homes.

Disadvantages of Home Study.

This want of dictionaries, encyclopedias and other reference works would militate most se-

riously against the progress of many of our most worthy and successful students, did we not provide such books at the building and grant the students time during the day in which to consult the books.

There are very few young people who are able to concentrate their minds sufficiently long at a time and with such directness as to be effective when the surroundings are such as to distract the attention and disturb the flow of thought as is usually the case in the family sitting room; hence our provision of the large, quiet, conveniently arranged study halls in the building, supervised during each study period by some one of the high school faculty who sees that quiet is maintained and who is always ready to assist in a judicious way the hard working but perplexed student.

Opinions of Leading School Men.

The replies of these students had a tendency to confirm me in my belief that the two-daily-session plan was the best for our high school; but to learn the opinions of a few leading school superintendents, I addressed letters of inquiry to thirty-five of them, and received courteous replies from them all. Seven of them, the superintendents of Chicago, Cleveland, Denver, Boston, Kansas City, Washington and St. Louis say that the one-daily-session is an absolute necessity with them because of the long distances which students have to go to attend high school. Yet Superintendent Greenwood, of Kansas City, favors two sessions, saying: "It is better to have two sessions from the standpoint of health, a single session crowds." The Boston high schools give but twenty minutes at noon for lunch, but the lunches with which the students are provided are specially prepared and sold to the students at very moderate rates and eaten by them "while hot." Notwithstanding these desirable features accompanying the one-session plan of their schools, Superintendent Seaver expresses dissatisfaction with the arrangement, saying: "I think it will be necessary to spread the work of our high schools over the greater part of the day so as to allow an opportunity at noon for lunch and a rest after lunch."

Of the other twenty-eight superintendents addressed twenty-seven favor the one-session plan while one is undecided. Each one of the twenty-seven gives a reason for believing the two-session plan the better. A few of these reasons, most of them from Indiana men, I quote because of their suggestiveness and sound sense.

Superintendent Calvin Moon, of South Bend, Ind.: "Formerly had one session only. Was not popular with parents or pupils. Mothers complained of having to prepare two dinners. Many pupils were on the streets in the afternoon instead of at home preparing lessons."

Superintendent Joseph Carter, Champaign, Ill.: "We abandoned the one-session plan. It is bad. When we had the one session the boys spent too much time in the parks and in athletics or in various haunts and billiard halls. Lessons were badly learned. Eating the dinner at night reduced their vitality. Eating at a different time from the family broke up the family."

Superintendent J. N. Study, of Fort Wayne, Ind.: "One session makes the effort too protracted. Last hour is a drag."

Superintendent W. A. Millis, of Attica, Ind.: "Pupils have not sufficient student ability to succeed without the supervision of the teacher in his preparation of lessons. The social distractions of the afternoon at the home are ruinous in my experience."

Superintendent W. H. Hershman, of New Albany, Ind.: "Two short periods are more conducive to health in that variety and regularity prevent fatigue and constipation."

N. E. A. Expenses.

STATEMENTS SHOWING THE EXPENSE OF ENTERTAINING THE NATIONAL EDUCATIONAL ASSOCIATION.

The first question that arises when a city invites the National Educational Association is whether it possesses the necessary hotel and hall facilities to entertain a large crowd. There are other matters to be provided for, such as railroad rates, etc., but these came under the duties of the association officers. The local committee, having in charge the arrangements for the meeting of the association, must be able to meet the financial requirements. These, while seemingly large, amply repay the citizens in the business activity, which a large concourse of visitors in a city stimulates. In addition to this the impetus given to the educational interests of the city and state, in which the meeting is held, is immeasurable.

We submit, believing it to be of general interest to the school public, several statements, showing the various items of expense:

BUFFALO, N. Y., 1896.

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As follows:	
From school teachers and other collections	\$ 8,052.23
From individuals on general list.	4,170.00
From Fidelity Trust & Guaranty Company for interest on the account.	\$1.16
Total	\$12,303.39
The expenditures were as follows:	
Albert E. Swift, salary as secretary	\$ 2,000.00
H. P. Emerson, sundry expenses.	550.00
Postage	886.00
Entertainment	305.50
Car fare, telegraph, telephone, express charges	526.00
Decorations	365.00
Rentals	640.00
Music	123.00
Board	211.00
Transportation	93.00
Signs	200.00
Printing	782.00
Badges	655.00
Lumber	123.00
Flowers	68.00
Banners and flags	137.00
Carriages	62.00
Receptions	375.00
Stenographer	250.00
Keeping the accounts, J. L. Connelly	50.00
Other expense	718.00
Total	\$8,499.63
Reserved for anticipated bills.	51.23
Leaving balance in hands of treasurer for subscribers, being 30.5 per cent on each subscription.	\$ 3,752.53

MILWAUKEE, WIS., 1897.

Statement of receipts and disbursements.

RECEIPTS.	
Schools	\$4,576.92
Business firms	5,010.00
Exhibits	947.70
Program	300.96
Miscellaneous	8.68
	\$10,844.26
DISBURSEMENTS.	
Office stationery	29.08
Telegrams	45.24
Postage	582.43
Express charges	30.57
Printing	1,209.20
Badges	586.59
Clerk hire	375.50
Reception	1,447.92
Halls	1,830.88
Music	429.35
Decorations	774.50
Signs	46.25
Press	75.80
Secretary	1,800.00
Miscellaneous	31.05
	\$9,294.36
Surplus.	\$1,549.90

The surplus was distributed among the schools of the city for the purchase of supplementary readers.

LOS ANGELES, CAL., 1899.

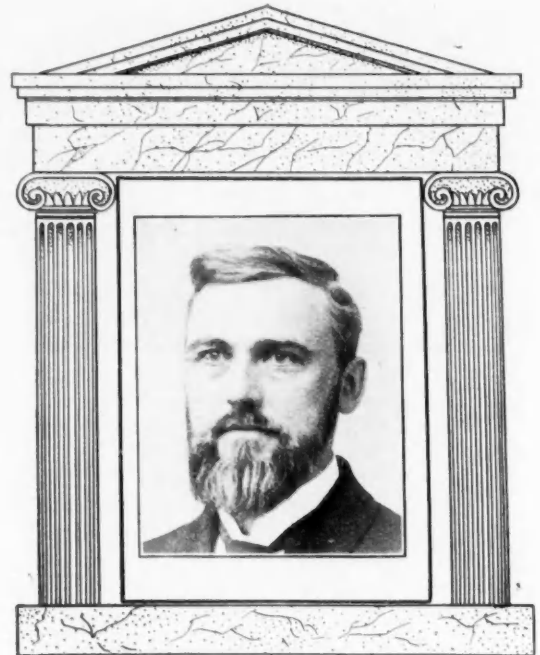
Statement of receipts and disbursements:

RECEIPTS.	
Subscription and sale of souvenir privilege.	\$13,220.52
Music committee donations.	24.50
Rent of space and privileges, business headquarters	626.75
Printing and badge committee, sale of material	41.76
Entertainment committee, receipts of Chinese Theater	757.79
State headquarters, subscriptions.	167.00
School books and appliances committee, sale of space.	412.75
Hotel Guide, sale of space for advertising.	201.90
DISBURSEMENTS.	
Stationery	\$ 385.52
Postage stamps.	650.15
Labor and office expenses, seven months	1,162.25
Printing	488.45
Finance committee (solicitor).	131.20
Hotel committee (canvassing and office force).	314.51
Committee on halls (rent and janitor).	937.90
Committee on music (entertainment, concerts).	724.65
Business Head's, Ry. Ex. & Bu. of Infor. Com's.	978.86
Committee on badges.	2,344.00
Reception committee.	112.25
Membership committee.	20.75
Educational Ex., Labor, Installing Ex., etc.	716.69
General publicity committee.	182.05
Entertainment committee.	3,422.99
State headquarters.	450.00
Decorations	926.68
School books and appliances committee	345.22
Cuts and engravings.	133.18
Hotel Guide, 40,000.	448.80
Educational Journals.	160.05
Telegrams	33.26
Physical Science Section.	24.50
National committee entertainment.	658.15
	\$15,752.07

Donations that do not enter into the above account:	\$15,752.07	\$15,752.07
Half rent of business headquarters.	\$ 110.00	
Rent of room for floral headquarters.	50.00	
Use of bill boards.	27.00	
Amount expended by teachers committee, not included in Local N. E. A. committee account.	1,200.00	
	\$1,387.00	\$1,387.00
Total expense of entertaining the Convention		\$17,139.07

THE CHARLESTON MEETING.

The local committee expended \$5,000 in entertaining the National Educational Association. This did not include the services and favors so



MR. F. FRANK J. PEASLEE,
Superintendent of School, Lynn, Mass.

generously donated by its citizens. The use of the halls and the entertainment of the N. E. A. officers did not come under the above figures.

Hazleton, Pa. The board has ordered the teachers to instruct their pupils upon the evils of sensational journalism as seen in certain dailies published in some of our American cities, calling their attention to the fact that the minds of anarchists are inflamed and their baseness sustained by these sheets; that their owners know no patriotism nor truth; that their so-called staffs consist of men who have sold their honor for pieces of silver; that those who purchase the papers are equally guilty with those who publish them, for without them they could not live; and finally, that in these sheets there is danger to the individual, to the family and to the Republic.

Kalamazoo, Mich. George R. Mathews, whose children were excluded from the schools by the board, because he would not allow them to be vaccinated, has filed a claim of \$500 damages with the board. Mathews carried his side of the compulsory vaccination case to the Supreme Court, which decided in his favor, hence his claim for damages.

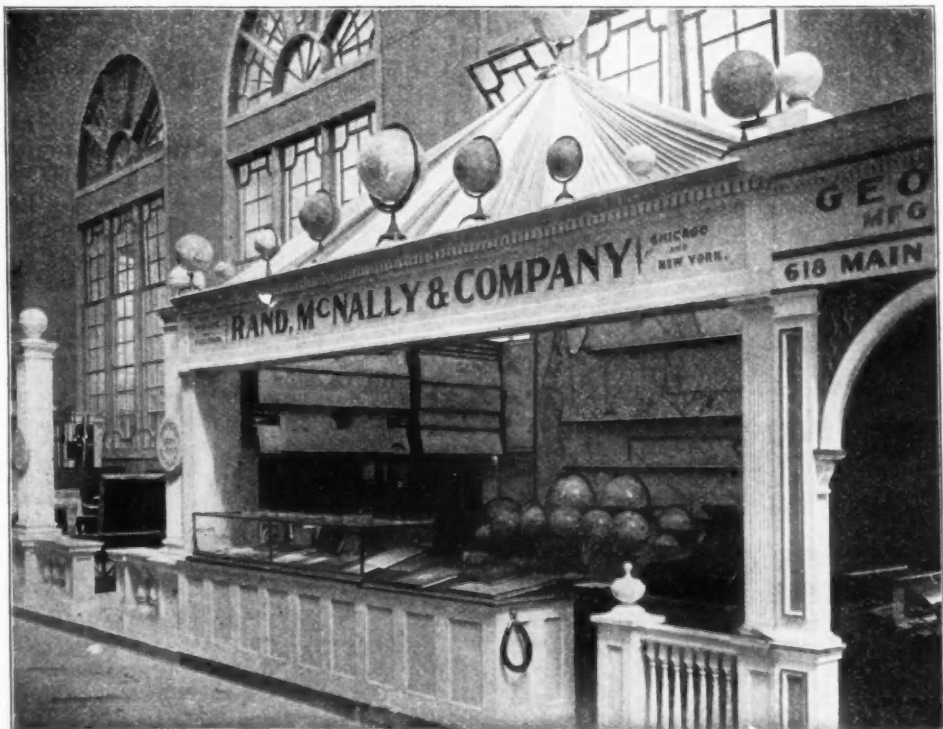


EXHIBIT OF RAND, McNALLY & CO. AT THE PAN-AMERICAN EXPOSITION, BUFFALO, N. Y.

PRISON-MADE FURNITURE.

THE SENTIMENTS OF NEW YORK SCHOOL OFFICIALS ON THE SUBJECT.

The law in New York state, which compels school boards to purchase furniture from the prison authorities is almost universally condemned in the state.

For the purpose of ascertaining the exact sentiments to school board presidents in cities having a population of 1,000 and over. Our letter read as follows:

Dear Sir:—No doubt you are familiar with the state law which compels school boards to purchase school furniture from the prison authorities.

1. Do you approve of this law?
2. Do you believe it ought to be abolished?

We desire a frank expression from all school board presidents in the state and to that end should be pleased to hear from you. Kindly write your answer on this sheet, and any general remarks, on the other side.

The answers are too numerous to be reproduced here in full. It will prove interesting, however, to present extracts and comments from some of the letters and thus get an idea of the general impression that prevails on the subject.

OPPOSE THE LAW.

The following do not approve of the law and believe that it ought to be abolished:

John Hoag, president Board of Education, Salamanca.
E. M. Brigham, president Board of Education, Kingston.
Charles T. Brown, president Board of Education, Cooperstown.
Charles M. Ryon, secretary Board of Education, Kingston.
Stephen Hollands, president Board of Education, Hornellsville.
Edward B. Sherwood, president Board Education, Ossining.
E. E. Harrington, president Board Education, Watertown.
George H. Miner, president Board of Education, Fredonia.
D. W. Tomlin, president Board of Education, Batavia.
F. E. Lyford, president Board of Education, Waverly.
James E. Dean, president Board of Education, Fiskill, District 6.
Sandford R. Knapp, president Board Education, Geneva.
W. J. Hyland, president Board of Education, Hoosick Falls.
C. L. Hubbard, president Board of Education, Malone.
E. C. Baker, president Board of Education, Plattsburgh.
W. L. Learned, president Board of Education, Albany.
Theodore Hadden, president Board of Education, Matineawan.
Benjamin Hammond, president Board of Education, Fishkill-on-Hudson.
L. D. Hodgman, president Board of Education, Bath.
James E. Kelly, president Board of Education, Ogdensburg.
William J. Stagle, president Board of Education, North Tarrytown.



D. H. CHRISTENSEN,
(Late of the University of Goettingen.)
City Superintendent of Schools,
Salt Lake City, Utah.

James W. Green, president Board of Education, Gloversville.

W. S. Wilkinson, president Board of Education, Olean.
Frederick A. Fuller, Jr., president Board of Education, Jamestown.

Dr. H. Ernest Schmid, White Plains.

W. P. Munson, president Board of Education, Herkimer, District No. 1.

Edward G. Halsey, secretary Board of Education, Peekskill.

C. F. Kingsley, secretary Board of Education, Bath.

The following do not approve of the law and believe that it should be modified:

C. E. Wells, M. D., president Board of Education, Walter Bradley, president Board of Education, Fulton.

W. D. Hood, superintendent of schools, Rome, Sag Harbor.

FAVOR THE LAW.

The following approve of the law and believe that it ought not to be abolished:

H. A. Clark, M. D., president Board of Education, Oswego.

OPINIONS OF SCHOOL OFFICIALS.

I believe we should have the liberty of buying goods of the parties who give us the best prices and terms. C. L. Hubbard, President, Malone.

Auburn.—I am opposed to the constitutional provisions that have brought about this condition of things. I believe the constitution should be modified but am opposed to restrictive legislation in the employment of convicts. Geo. B. Turner, Ex-President.

Jamestown.—I believe boards of education should be permitted to purchase all school supplies in open market. Frederick A. Fuller, Jr., President.

Elmira.—I think that the law ought to be so modified as to leave it optional with school boards to purchase of the prison authorities. George McCann, President.

Bath.—Schools should be allowed to buy at lowest price for the best article. The prisons are so often crowded that they cannot furnish supplies when wanted. If they are not according to contract it is slow work and a great difficulty to get any redress from the state, while an individual can be compelled to respond promptly. C. F. Kingsley, Secretary Haverling High School.

Fishkill.—While I think the convicts in our prisons should be kept at work for their own benefit, they should not be an unnecessary burden upon honest industry and the product of their labor should be sold unmarked in open market. School boards should be allowed to buy where and what they choose. Jas. E. Dean, President.

Fishkill-on-Hudson. I believe school districts should be allowed to act free and independent. Each district votes its own money. No district receives money from the state for furniture. I believe the schools are above the prisons in every way. Benj. Hammond, President.

White Plains. The law ought to be abolished. If the product of prison labor is good, it will find its own market, if it is bad, it deserves none. Dr. H. Ernest Schmid, President.

Lausburgh. I think the prisoners should be kept at work, but we should buy our supplies where we can get the goods wanted at the lowest prices. The state should neither give nor ask favors. Edgar K. Betty, President.

Ogdensburg. I do not believe that prison products should supplant those produced by citizens. Prisoners should be employed at road making until every highway in the state is macadamized. John E. Kelley, President.

Oneonta. We have no occasion to purchase furniture. Were supplied before the law went into effect. Albert Morris, President.

Brookview. I have had some little experience with this prison furniture law and am convinced that it's a big "fake"—often used by the prison authorities unfairly. The law should be wiped off the books entirely or so modified as to force the prisons to make ALL the furniture used in the schools of the state, and furnish them AT COST. I believe it is the general sentiment, however, that the law should be repealed altogether, and the school forces of the state can accomplish this next winter if they undertake to do so in earnest. W. A. Choate, President.

Plattsburgh. I consider it perfectly proper for the state to manufacture its goods for its own use. State normal schools or any state university wholly supported by the state can, with propriety, get their supplies. But the common schools and union schools, who supply their demand by direct tax upon the people, should be allowed to buy in the open market and where they can get the best goods, and I maintain that any law, attempting to prevent such commercial freedom, is decidedly unconstitutional. E. C. Baker, President.

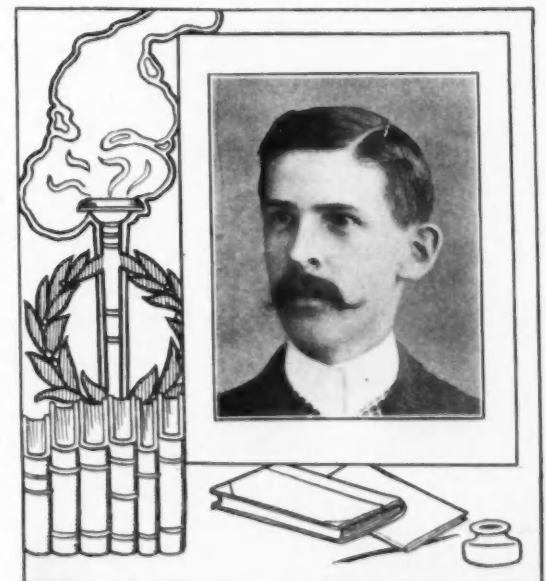
New York City. My experience with prison-made goods leads me to the firm conviction that any law making it compulsory for a board of education to purchase such goods is detrimental to the best interests of the school. I think that in all cases the purchase of school supplies should be open to public competition; then the schools would be assured of getting the best and most suitable article at the lowest market price. This question as a business proposition can be only answered in one way. Miles M. O'Brien, President.

Oxford, N. Y. The use of the bible in the schools has been discontinued.

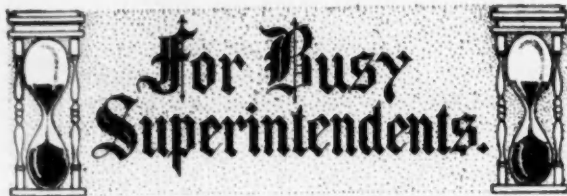
Troy, N. Y. The hours of the board's clerk have been fixed as follows: From 9 A. M. until noon, and from 1 P. M. until 4 P. M. every day except Saturdays, when the hours are from 9 A. M. until 12 M. Also from 7 P. M. until 9 P. M. Tuesdays and Thursdays.

Michigan has developed a plan for bringing teachers and parents into closer relations in rural school districts. It is an extension of the teachers' institute idea so as to include the parents interested in the schools, bringing both together in monthly or annual meetings, in which they freely discuss educational questions and listen to addresses by prominent men.

Brooklyn, N. Y. The higher classes in neighboring grammar schools have been consolidated to secure more rooms for the overcrowded primary classes.



BENN M. CORWIN,
President Board of Education,
Grand Rapids, Mich.

**COMMERCIAL STUDIES.**

Waterville, Minn. A two year's elementary business course, consisting of bookkeeping, typewriting, shorthand, etc., has been introduced in the high school.

Louisville, Ky. A teacher of bookkeeping has been appointed and the study of commercial geography has been added to the curriculum.

Baltimore, Md. A new method of teaching bookkeeping has been introduced. The system, although taught by a text-book, involves less copying and more actual business transactions, than the former methods. This makes it more interesting and valuable. Even in the short time devoted to it each week the pupil gets a clear idea of simple business transactions and will know how to keep simple accounts.

Toledo, O. Typewriting and stenography is being taught in the high school. Commercial arithmetic, commercial law and business correspondence is also taught.

Franklin, N. J. The study of bookkeeping has been introduced in the high school.

Utica, N. Y. Special business training is given in the Utica Free Academy.

Springfield, Ill. Arrangements have been made at the high school building to take care of a large business course class. New desks, especially adapted for bookkeeping have been purchased.

Mankato, Minn. A class in bookkeeping has been formed in the high school.

Leavenworth, Kan. Stenography has been introduced in the high school this year. This branch has been added to the curriculum in order to see whether it is advisable to add a commercial course. If the study of shorthand obtains well, bookkeeping will be added later.

Sioux City, Ia. Course of study commercial department of the high school: First Year—First semester, bookkeeping, arithmetic, penmanship, orthography; second semester, business practice, penmanship, English composition, typewriting.

Second Year—First semester, advanced bookkeeping, commercial law, history; second semester, office practice, political economy, civil government.

Shorthand Course—First semester, shorthand, commercial law, history, typewriting, penmanship; second semester, shorthand, typewriting, political economy, civil government.

Saco, Me. An instructor in stenography has been employed, who visits the different schools and devotes a limited time to each.

WRITING.

Cleveland, O. The vertical system of writing is used and it is liked.

St. Paul, Minn. A change has been made from the vertical to the semi-slant.

Minneapolis, Minn. The vertical system has been used for some years.

Philadelphia, Pa. Vertical writing is taught.

Detroit, Mich. Vertical writing was introduced four years ago and is still being used.

Davenport, Ia. Only vertical writing is used in the schools.

Lynn, Mass. The board favored a return from the vertical writing to the old slant. However, before final decision, a meeting was called of all principals and senior teachers at which the question was discussed. To the surprise of the school board members the sentiment of the teachers was found to be almost unanimously in favor of retaining the vertical writing. Two

of the principals favored some modification of the system, but all were pronounced in their opposition to a return to the old slant system of penmanship.

MANUAL TRAINING.

Chicago, Ill. The order of the board to drop cooking and sewing brought forth a spirited protest from a mother of five girls. She believes her girls get more benefit from the practical instruction in the domestic sciences than from anything else taught in the schools. One daughter, who is in the grammar school, can do her own sewing and cook for the entire family. The mother looks upon this as a greater gain for the girl and a greater lightening of her own burdens than any amount of book knowledge would be. She urges the mothers of Chicago to raise in force and protest against the dropping of domestic science—the one practical branch of manual training given to the girls in the schools.

Philadelphia, Pa. The school board of the Twenty-eighth Section has requested the Board of Education to establish sloyd work in the elementary schools of that ward.

Huron, Mich. Superintendent W. F. Lewis: Manual training has gone beyond the experimental stage in the schools of many of our cities, large and small. Everywhere, where this kind of instruction is given, the results are highly satisfactory. School authorities are yearly extending it. Systematic work in wood, in mechanical drawing, in sewing, cultivates power, economy and self-reliance. Such exercise put the boy or girl in touch with the world about him.

Manual training opens the eyes of the pupils to see things accurately as knowledge obtained from books only, may not. The world today demands young men and women who can do something. To acquaint the pupils more with things than words, to develop in them a right of appreciation of serviceable handiwork which has a commercial value in adult life and to instil in them a respect for honorable labor is the mission of manual training. Education is expensive, yet it is far cheaper than literary or ignorance.

Galesburg, Ill. Manual training has been established in the first, second and third grades.

LANGUAGES.

Ex-President Paul Mueller of the Erie (Pa.) board, says: "It is admitted by all the highest authorities of education that the study of a second language is of great benefit to any scholar; it is stated that it helps mental discipline and aids him to get a more rapid and better understanding of his own language. If this is true, why not teach a second language in our common schools. It certainly is of great benefit; and why not, if a second language is to be taught, teach German; it certainly is the most prominent next to our own in this country."

Carbondale, Ill. The study of Latin has been added to the high school curriculum.

MUSIC.

Baltimore, Md. The board, being convinced that the way in which music was taught in the schools was antiquated and inefficient, called to its aid the most experienced musicians in the city, and upon their recommendation adopted an entirely new system. They placed the music in charge of a supervisor of music and two assistants.

Martinsburg, W. Va. Music is again to be taught.

PHYSICAL CULTURE.

Duluth, Minn. Director Coddington, on learning that there were no calisthenics in the high school said that that was not right, because the pupils in that stage of development with their arduous studies and close application, need it more than ever.

Louisville, Ky. It is believed that the board will soon add to the education of the pupils the

study and practice of physical culture. A member of the board has said: Good health is the basis of all real happiness, as well as of all real mental improvement and by the advantages gained through physical exercises the children will become healthy, happy and strong.

In the German gymnasium can be found both sexes of all ages, from little tots six years old up to men approaching the shady side of life.

Pittsburg, Pa. A law provides that physical culture be taught in the schools of cities in first and second class.

Los Angeles, Cal. The Los Angeles county board has published a Teachers' Manual, a unique feature of which is the following list of "golden rules:"

"Endeavor to set a good example in all things.

"Never overlook a fault; to do so is unjust to the children, since you will, no doubt, soon have to correct them for its repetition.

"Spare no pains to investigate the truth of every charge; and if you cannot satisfy yourself, make no decision. Leave it to the future to develop.

"Never correct a child in anger.

"Do strict justice to all, and avoid favoritism.

"Always prepare for your lessons by previous study; never attempt to teach what you do not thoroughly know.

"Try to bring forward the dull and backward children; the quick intellects will come on without your notice.

"Teach thoroughly, and do not try to get on too fast. Remember that you are laying the foundations of knowledge.

"Attend strictly to the personal cleanliness of the children.

"Attend to the cleanliness and neatness of the school rooms, and to the order and neatness of the playgrounds.

"Attend carefully to the ventilation and heating of the rooms.

"Do not be tempted to give undue attention to the elder, to the neglect of the younger classes. Such a course would be fatal to the general advancement of the school.

"Strive to cultivate a spirit of true politeness in all your dealings and associations with youth. Remember that children cannot be properly educated until they catch the charm that makes the gentleman or the lady.

"Take every opportunity of moral training. Consider that is better to make children good than clever.

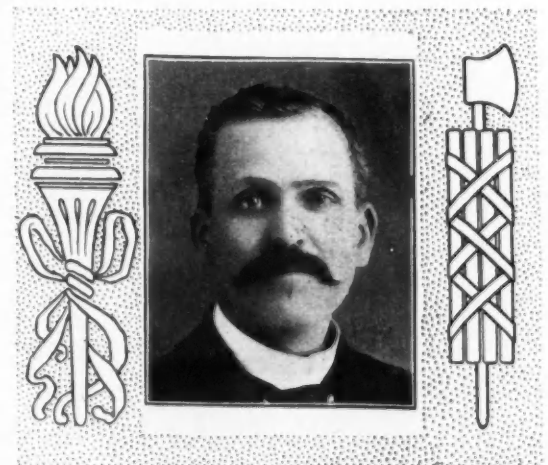
"Constantly seek self-improvement, and try to enlarge your own stock of information. Remember that knowledge is your stock in trade.

"Let your intercourse with children be regulated by love.

"Give few commands, but enforce those made.

"Make no rash promises, but keep those made.

"Make the school room attractive and pleasant."



PROF. P. J. WILLSON,
Superintendent of Schools, Adrian, Mich.

School Room Lighting.

By F. B. DRESSLAR,

Department of Education, University of California.

The problems connected with the lighting of school rooms in California are somewhat different from those connected with the lighting of school rooms in much of the rest of the country; and therefore rules given to guide in the construction and arrangement of school buildings in other climates need more or less modification to fit our conditions.

In the first place, California enjoys more sunny days and hence gets more regular and continuous bright light than any of the eastern states.

In the next place, the air in general is free from dust and dirt, and this renders the light, both direct and indirect, unusually strong.

Then, too, in most parts of the state, during a portion of the school year, the landscape presents a wide expanse of browns somewhat dazzling to the eyes, as it reflects the bright rays of the sun.

All of these conditions enter into the problem of furnishing the proper amount and the proper quality of light in our school rooms. Taking all of these things into account, the following directions (modified, of course, in special cases to suit special conditions), can be generally relied on to guide in the matter of school room lighting in California:

1. The schoolhouse should be so constructed, and so placed on the lot, as not to admit into the classroom the direct rays of the sun during the middle part of the day, and to make sure to admit it during the morning or afternoon; preferably in the morning.

If windows open into a classroom from the south, despite all that can be done with ordinary shades or blinds, bright rays of the sun will find their way into the room and will inevitably dazzle and disturb the eyes of the children, as well as those of the teacher. It will prove a mistake in nearly every instance to say that the teacher can regulate the shades as to prevent all such troubles. If we were to grant that, when the windows open toward the south, double shades, of which we will speak more at length later on, can be regulated so as to shut out the direct rays of the sun, the fact still remains that very often busy teachers will neglect to regulate them properly, and consequently harm will result. During several years of observation on this point, I have yet to see a single classroom in California properly lighted when depending on light from south windows.

While speaking on this point, though addressing his thought to the teachers of Germany, and of course to the conditions of German climate, Prof. Foster, of Breslau, has said: "No curtains have yet been invented which will keep back the direct rays of the sun and at the same time let the diffused light of the clear sky pass through. Ground glass has been recommended, but this is too dazzling and blinding in the direct rays of the sun, and during cloudy days it intercepts too much of the light."

Since the words here quoted were written many attempts have been made to solve the difficulties mentioned, by the invention and manufacture of many kinds of shades and blinds; but I have yet to see a shade, whether green or gray, buff or blue, which, if satisfactory when exposed to the mid-day rays of our bright sunshine, did not prove unsuitable during the earlier and later periods of the school-day. But some one may say that the teacher must adjust the shades as the conditions change during the day. I answer, here is just the trouble; teachers do not adjust and cannot be relied on to adjust

the shades so as to maintain a regular light. When they have been adjusted to suit the morning light, it is the rarest teacher who will remember to change them in time to suit the increasing directness of the sun's rays. But if it is difficult to use shades to properly regulate a south light, it is more difficult, and let us say almost wholly impossible, to do so with the common shutters or slat blinds. I have found that even when these are new, and all the slats are in place, just as with shades, they were neglected, and therefore dangerous; but the difficulty is especially great when, after a short time, all the slats do not close equally tight. Through the chinks thus afforded pencils of light stream in, producing that peculiar, painful adjustment of the eyes, which not only produces undue fatigue of the eye-muscles, but also distracts the attention and annoys the child into a restless and careless mood. So the plain advice to give here is, do not construct your schoolhouse in such a way that windows will open from any classroom toward the south, for it is impossible to light the room properly in this way.

2. The proportion of the area of window surface to the area of floor surface ought to be about that of 1 to 6. That is to say, if the area of the floor, in square feet, be divided by 6, the quotient will represent the whole amount of the square feet of window surface which should be allowed for in planning the construction of the room. This relation of 1 to 6 represents what has been given by many authorities as the minimum amount of window surface which should be supplied to any schoolroom. But the minimum, for instance, in Chicago, will not represent the minimum in California, and I am persuaded that when windows are properly placed and the rooms of the right shape and size, one square foot of window surface to six square feet of floor surface will suffice to give plenty of light in the schoolrooms of California, neglecting of course those buildings placed in canons or too near to tall buildings. The windows should be placed on one side of the room only, and preferably on the east side of buildings of one room. They should be placed on one side so as to avoid cross lights. The eyes of any pupil in the room will then be prevented from the necessity of attempting to adjust themselves to unequal sources of light.

The windows should be placed as close together as safety of construction will permit, and well toward the rear of the room. That is, the windows ought to be located so as to be slightly to the rear as well as to the left of the pupils when seated at their desks. To make this arrangement of the windows possible it is necessary to determine, before they are placed, the direction toward which the pupils will face. This point will be more easily understood by referring to plan No. 1, accompanying this paper.

3. We have said that the windows should be placed on one side only and preferably toward the east. The last statement in this rule, of course, could not always apply to school buildings containing more than one room. In buildings of two, four, or more rooms, it will often be necessary to have the windows remaining the same. It still remains true, however, that those rooms whose windows face the east, other things equal, will be the most healthful and wholesome rooms, because of the early sunning which they will get. And just here it is perhaps the best place to say that while the north light is the most diffused and the softest light which can be admitted into the schoolroom, it is unsafe to depend on maintaining the health of children kept in schoolrooms with windows looking only toward the north. Every schoolroom needs a sun bath each day to keep it pure and wholesome, and it is running in the very teeth of the simplest and plainest rules of hygiene to construct

a schoolhouse which will not permit of this mode of sanitation and disinfection. Also the first part of this last rule needs some slight modification, in order to prevent it from deterring in certain cases. There are conditions in this state and in a few of the southwestern states which demand openings toward the north, not for the purpose of getting additional light, but for that of ventilation and cooling. In the warm valleys, during the early and later months of the school year, the heat is often so intense as to render it almost necessary to plan to get the advantage of a breeze through the room. Under these conditions it is best to have some openings in one end of the room, preferably toward the north. These openings need not be full-sized windows; but better, small windows six feet or more above the floor, either on hinges or fastened as transoms. These windows, perhaps two in number, can be covered on the inside with close-fitting opaque shades or curtains, so fastened as to not interfere with freedom in opening and closing the sash. This precaution, together with their height above the floor, will prevent such windows from admitting a blinding light into the eyes of teacher or pupils.

4. The distance between the floor and the lowest part of all schoolroom windows should be greater than it is usually made, in order to prevent the light from shining directly into the eyes of the pupils. The window sill should be at least three and one-half feet above the floor, so that all light falling upon the desks would come from above the level of the eyes of the pupil when seated at his desk. This is an exceedingly important direction, for when windows are so constructed the danger of misplaced and disarranged shades is much minimized. Some of the German cities require that the bottoms of the windows must be placed as high above the floor as the pupils' heads when seated. Dr. Lincoln, one of the best authorities on school hygiene in this country, says that four feet is none too high.

5. In order to get the best light and the most of it, for the amount of window surface, it is absolutely necessary to run the windows up as near to the ceiling as possible; for it is plain that one foot of window surface near the ceiling of the room will do more to properly light the whole room than two or three feet at the bottom. The tops of the windows ought to be at least twelve or thirteen feet above the floor, for this will insure to those pupils seated farthest from the windows, sufficient light. As mentioned elsewhere in this article, no pupil should be seated at a greater distance from the windows than that equal to twice the height of the tops of the windows from the floor; and this, too, only on the condition of the proper amount of window surface.

The arrangement of the seats, so as to offer the best opportunity for the light to fall on the books and all the seat work, is an important consideration, and will be spoken of more fully in the section treating of school desks. Suffice it here to say that only when the room is carefully planned with regard to light, can the desks of all the pupils be properly adjusted to the source of light.

6. The proper arrangement of shades for the windows is not an easy matter. Blinds, I think, ought not to be used at all, for the reasons spoken of above, and for the further reason that they are far more expensive than common roller shades, and frequently become hard to manage.

The best arrangement of shades, to my knowledge, which has been devised as yet, consists in using two separate shades for each window, both fastened at about one-third of the height of the window—one to pull up and the other to pull down. Care must be taken to so place them that they will not interfere with each other. To

(Concluded on page 15.)

THE AMERICAN School Board Journal

DEVOTED TO

School Boards, School Officials and Teachers.

WM. GEO. BRUCE, Editor and Publisher.
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THE POSSIBILITIES OF A SCHOOL LAW.

To see the assassin of the late President McKinley making school desks, which are to be used by American school children, is a spectacle, which was only averted by the deplorable death of the nation's chief.

The New York state laws provide that school boards must purchase the furniture required for their schools from the prison authorities. The prisoners make school furniture and school supplies.

If President McKinley had survived the assassin's bullet, Czolgosz would have been sentenced to ten years' imprisonment at Auburn and thereby become eligible to the position of a maker of school furniture.

When the New York State Association of School Boards, two years ago, asked the repeal of this obnoxious law, its action was almost unanimous. A bill embodying the sentiments of the association was promptly passed by the legislature, and, curiously enough, vetoed by Theodore Roosevelt, then governor of the state.

It was a question of giving employment to the prisoners on the one hand and guarding the rights and prerogatives of school boards and honest labor rights on the other. The jail bird won.

It may be reasoned by some one that the assassin, Czolgosz, is not making school desks and is not likely to—hence any further discussion of the subject may be useless.

The objectionable features of the law, however, are nevertheless forcibly illustrated. The hand of the assassin stood a chance of being dignified by turning wood and iron into graceful forms to serve as an object lesson to the pupil. Either the taint of prison labor is stamped upon the school desk—with its undesirable influence upon the child or else the hand of the murderer is sufficiently redeemed to honor it with the making of that school desk.

The law, when once thoroughly understood by the people, condemns itself. It is surprising that it has remained upon the statute books of a great state so long.

School boards should have the right to purchase in open market anything that may be required in or about a school house. Quality and price should always determine a sale, not compulsion.

If school boards should desire to purchase the prison product, there can be no objection,

but, to compel them to do so is foreign to our ideals of liberty and as bad as monarchical tyranny.

Again, there is the further objection of placing prison labor in direct competition with that of the honest mechanic without the rivalry for mechanical excellence. If the product of the prisons must be purchased whether it is modern in design and manufacture or not, it means not only that the rights of school boards in securing the best must be overridden but physical welfare and comfort of the child is ignored.

Much might be said for the manufacturer's side of the case. But that is not our immediate concern.

The rights of the school board, the rights of the child, the principle of Americanism—these are involved when the product of the assassin and the murderer are to be graced, under compulsion, by American school children.

THE SCHOOL SUPERINTENDENT.

The position of a school superintendent is not only more clearly defined from time to time by the school boards of the land, but the daily press is beginning to place a more accurate estimate upon the dignity, duty and difficulties of that position.

The educators, who from time to time, dissertate upon the function of the school superintendent, are more apt to outline the ideal, the faultness, the perfect—than does the matter of fact school board member. The latter is more apt to see in the superintendent a human being with human qualities and failings.

The school board member who opposes the superintendent is more frequently prompted in his opposition because he finds that official too perfect rather than imperfect. The low standard of the school board member has always wreaked more harm than the higher standard of the superintendent. That the daily press occasionally grasps this fact may be learned from the following editorial, which appeared in an Ohio paper:

The circumscribing influences of a superintendent of public schools in a city large enough to require a body of more than a dozen men to direct and control, makes the conduct of the office nowadays the most exacting and exhausting proposition the modern office-holder has to fill. He must be an expert politician to gain the office and to hold it, and he must eschew politics if he wants room for educational qualifications necessary in the instruction of children. He must have his hands and mind in every move of the school board and he must keep some of them from knowing it. He is responsible for the course of study and accountable for results; and so must virtually dictate the text-books to be adopted without arousing the suspicion that he is in combination with the publisher for personal profit. He must correct the teachers without stirring up their hostility or inciting their malice to carry war into his camp through friends on the school board. He must have decided opinions and express them without disturbing the set notions of those under him, if he will avoid being put down as a bumptious egotist. In short, if he is not selected for the office as the pet of a

political ring to serve political purposes only, he is selected by the other class to better school conditions, and his coming is met on the one hand by stifling opposition and mean bickering and on the other by too much advertising and noisy acclaim, which makes it impossible for him to come up to expectations.

THE GERMAN "N. E. A."

The German-American Teachers' Association meets annually about the time the National Educational Association meets. Its membership is made up of men and women who teach German in public and private institutions. Its meetings are usually held in one of the more accessible cities of the North Central states.

One of the peculiarities of the organization is that it avoids, as far as possible, to hold its meetings in the city in which the National Educational Association assembles. It even sacrifices the advantages derived in the half rate, which would be secured by meeting at the time and place the N. E. A. meets.

The reasons assigned by the German teachers for remaining away from an N. E. A. city is that its meetings would be over-shadowed by the larger meeting. Another reason is that the German-American Association has its own customs of sociability, which are not in keeping with those of the American teacher. Among these customs is the so-called "Kommers," a gathering held at the close of the convention, where music and refreshments, consisting of wine and beer, accompany and accelerate the sociability of the members.

That this system cannot well be transplanted in American soil among American teachers need not be discussed here.

The teachers of German, however, can be vastly benefitted in their work by fraternizing with the teachers of other branches. Nowhere more than at the meeting of the National Educational Association can this contact between teacher and teacher be made to result in greater good. The teacher of German can have no mission distinct from that of the teacher of English, Latin or Greek.

To suggest a closer affiliation between the two organizations need not necessarily mean the absorption of the one by the other. By meeting in the same city the German-American Teachers' Association need not sacrifice its identity nor its social customs. The former could remain intact and the latter flourish in undisturbed freedom.

There are members of the National Educational Association who would be glad to attend the meetings of the German-American Teachers' Association, and vice versa. None would suffer in prestige or membership.

SCHOOL ARCHITECTURE.

The advantages derived from school houses, whose exterior presents a beautiful design, is becoming recognized more and more every year. When the beautiful was taught unto mankind, says an exchange, the district school house was evidently left out of the list of things that might be called decorative. Square,



The Newark, N. J., board will hereafter make all appointments and promotions of teachers only on recommendation of Supt. Poland.



Dr. A. T. Schauffler will preside at the meeting of the New York State Association of School Boards, Auburn, Oct. 23-24-25.



In Memoriam. Supt. E. G. Ward, of Brooklyn, died Sept. 14, at Buffalo, after a long illness.

grim, uninviting and uncompromisingly ugly, it stands at the most convenient cross roads or on some beautiful wooded slope, a menace to ethics of architectural beauty and a most helpful argument in childish minds against the attractiveness of education. There is little that could appeal to the esthetic side of human nature in a building of this kind.

The log buildings of pioneer days set the rectangular fashion of architecture through necessity, the materials used and the crude labor employed requiring this. Times and conditions have changed so radically since then, the materials and the workmen so much more easily secured and better suited to the work, that much is now possible in the way of varying the old style. Especially where it is a two or three-room building are there possibilities of architectural beauty. Straight, apparently endless roof lines can be broken with windows and sharp angles softened in outline, with a small portico here and there to relieve the severity of the whole. The same amount of money carefully spent could secure so much better results that school commissioners ought to feel inspired to try it sometimes and see for themselves.

From the district school may come the nation's leaders, rulers, writers, thinkers of the future, and the more they are given of the artistic and symmetrical things in childhood the

better will they stand in later years for the elevating and refining things of life.

Interiors where bare walls, straight wooden seats and a painful lack of adornment are the daily environments of the country student, offer nothing conducive to the esthetic development, and another helpful opportunity is lost.

OUR CARTOONS.

The overcrowded condition of the schools in the larger cities, which usually becomes manifest at the fall opening, has afflicted Cleveland, O., with exceptional force. A failure to anticipate in time the natural growth of the school population is the real cause of condition of the schools in most cities. Boston plans its school needs four years in advance.

The Chicago board of education concluded recently to introduce the free text book system in several of the lower grades. The private and parochial school people, who object to the system, have begun to legally block its inauguration. The matter still hangs in the courts. Supt. A. B. Poland of Newark, N. J., has been given arbitrary powers in the selection, employment and dismissal of teachers. He will hereafter satisfy himself personally of the fitness and ability of his force.

Supt. Edward G. Ward of Brooklyn died on the morning of September 13, at Buffalo, within an hour of the death of President McKinley.

Mr. Ward had been ailing with cancer of the stomach. The immediate cause of his death was an operation.

Dr. A. T. Schauffler, president of the New York State Association of school boards, will open the annual meeting of that organization at Auburn, N. Y., on October 23. Dr. Schauffler is the president of the school board at New Rochelle and at the same time an assistant superintendent of the New York school system.

State school board organizations by earnest counsel and decisive action can exert tremendous influence in shaping the education of the Twentieth Century.

A thousand teachers, all handsomely salaried, their transportation furnished free, have been sent by the United States government to the Philippines. These teachers are all either normal school or college graduates, who have had several years experience in school work; they are physically sound; their ability and their fitness for positions are shown by the testimonials of educators. They are to undertake the education of an alien race and to sow the seed of our civilization among them. This in deed is a gracious turn of Filipino affairs—the schoolmaster taking the place of the soldier. F. W. Atkinson is the general superintendent of public instruction for the Philippine Islands.



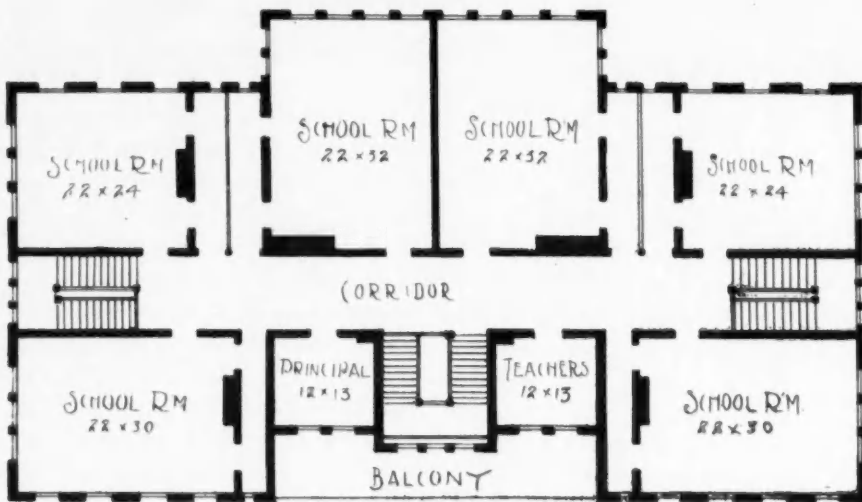
School Director Bell is blamed for the overcrowded condition of the Cleveland, O., schools.



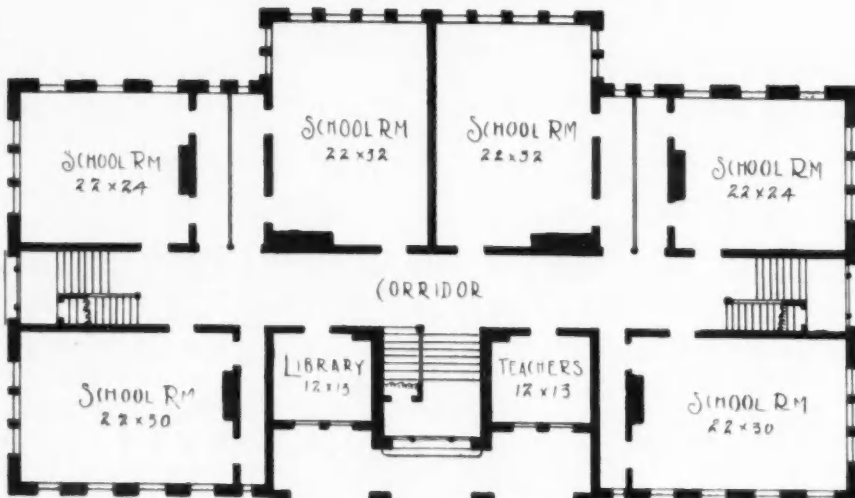
Supt. Cooley and President Harris of the Chicago Board of Education are enjoined by law from distributing free text-books.



PERSPECTIVE VIEW, NEW SCHOOL HOUSE.
INDEPENDENCE, KAN.



SECOND FLOOR PLAN, NEW SCHOOL HOUSE.
INDEPENDENCE, KAN.



FIRST FLOOR PLAN, NEW SCHOOL HOUSE.
INDEPENDENCE, KAN.

Geo. P. Washburn, Architect, Ottawa, Kans.

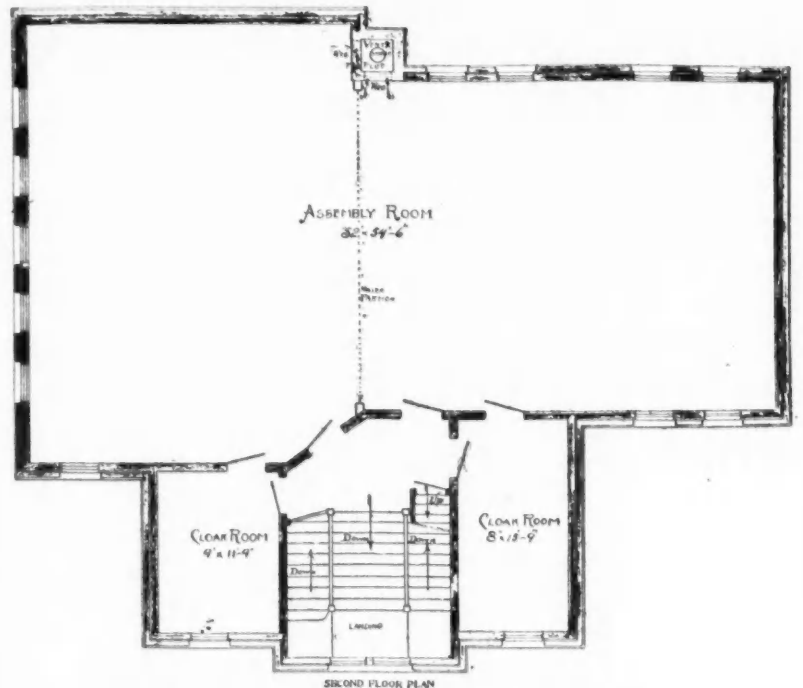


NEW HIGH SCHOOL.
CHICAGO HEIGHTS, ILL.

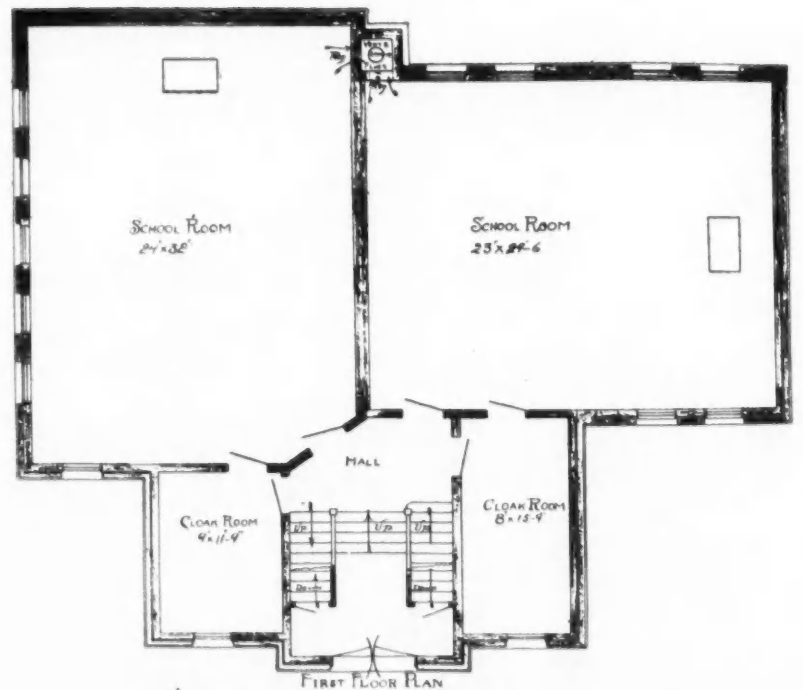
Huehl & Smid, Architects, Chicago, Ill.



PERSPECTIVE VIEW, PROPOSED SCHOOL HOUSE.
MIDDLESEX, N. Y.



SECOND FLOOR PLAN, PROPOSED SCHOOL HOUSE.
MIDDLESEX, N. Y.



FIRST FLOOR PLAN, PROPOSED SCHOOL HOUSE.
MIDDLESEX, N. Y.

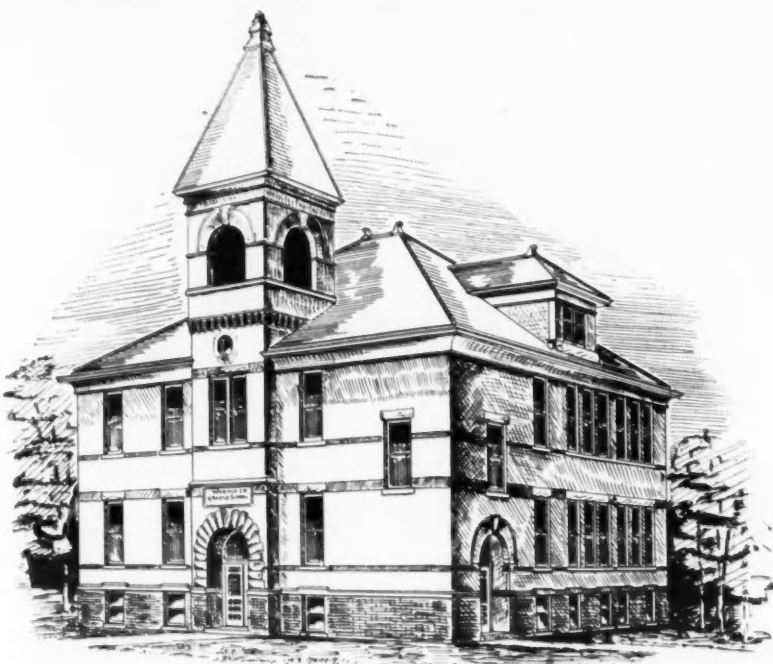
W. B. Camp, Architect, Geneva, N. Y.



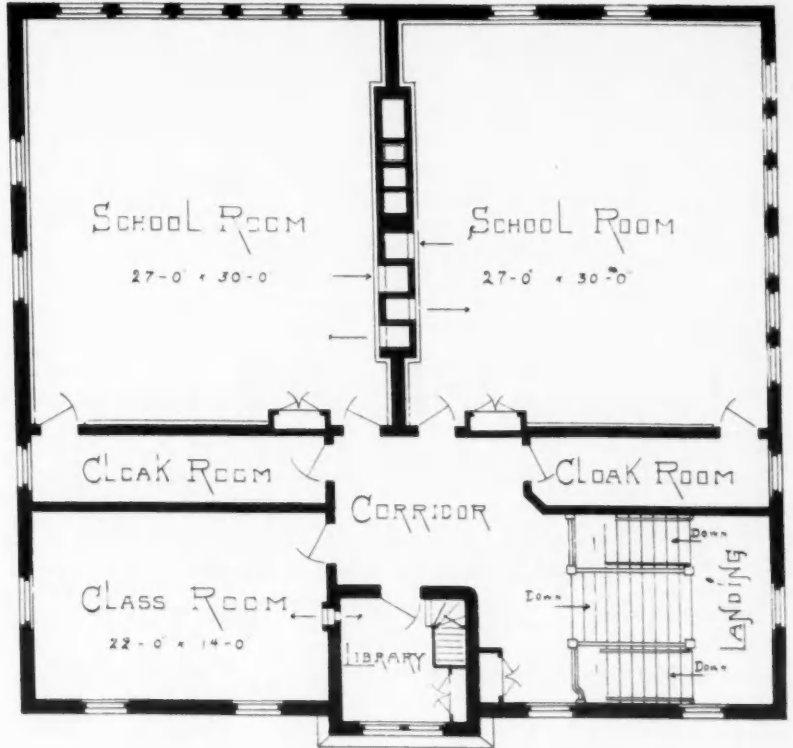
NEW HIGH SCHOOL.
CHARLEVOIX, MICH.
F. D. Davis, Architect, Petoskey, Mich.
Cost, \$20,000.



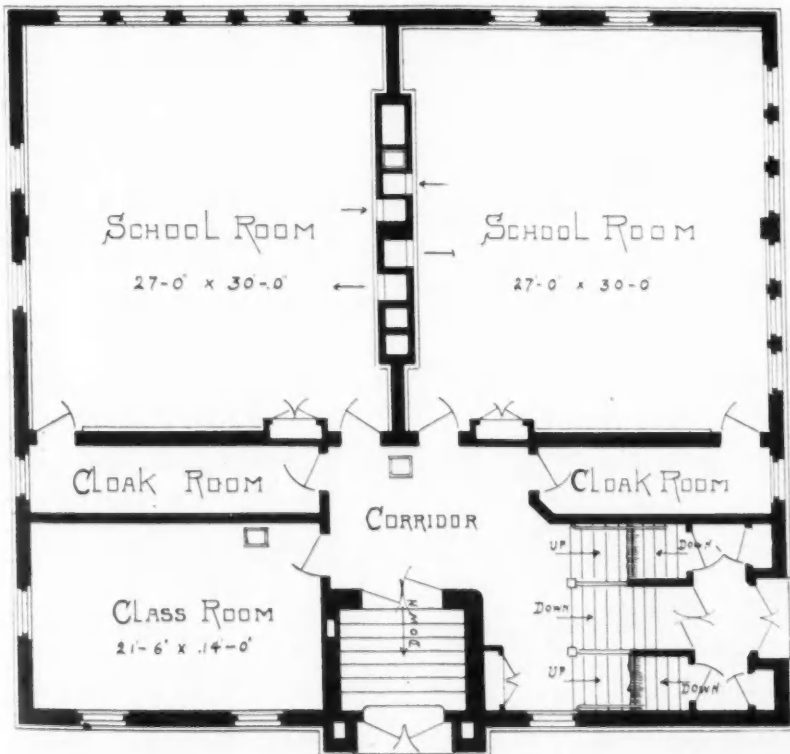
NEW PUBLIC SCHOOL, No. 153.
BROOKLYN, N. Y.
C. B. J. Snyder, Architect, New York City.



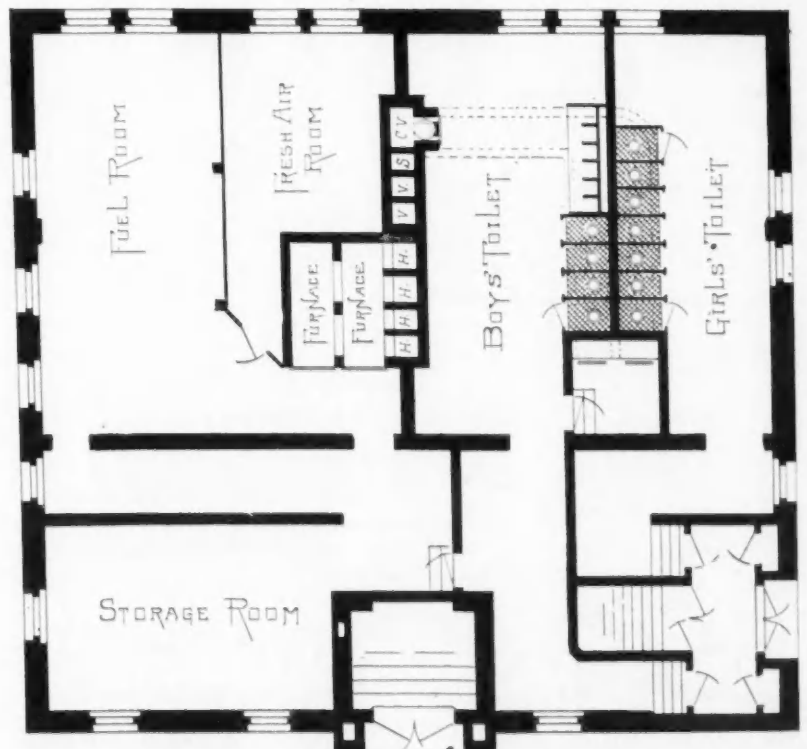
NEW SCHOOL BUILDING.
MECCA, IND.
Layton Allen, Architect, Indianapolis, Ind.



SECOND FLOOR PLAN



FIRST FLOOR PLAN



BASEMENT PLAN

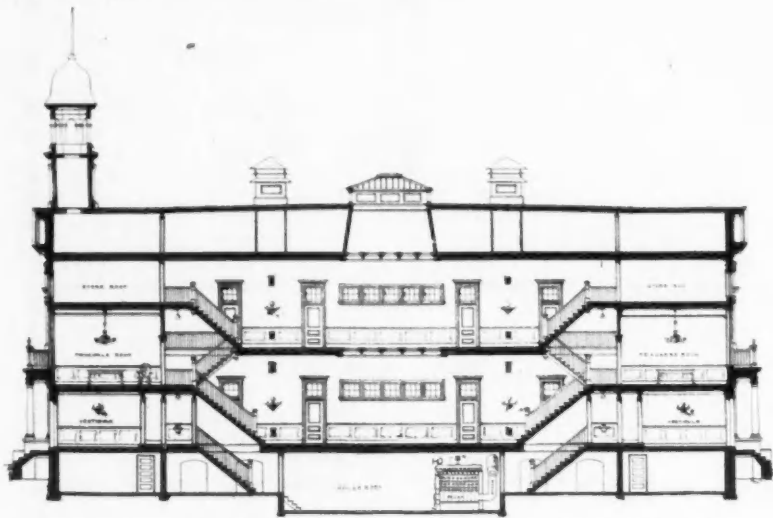
Layton Allen, Architect, Indianapolis, Ind.

PERSPECTIVE AND FLOOR PLANS, NEW SCHOOL—MECCA, IND.

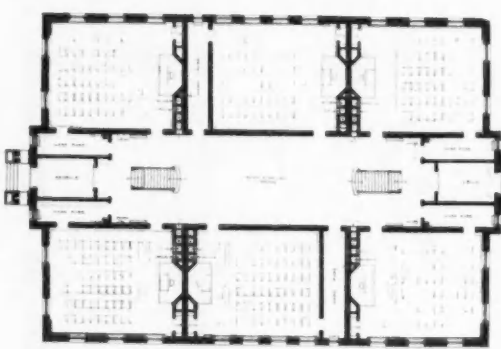
RECENT SCHOOL HOUSE DESIGNS AND FLOOR PLANS.



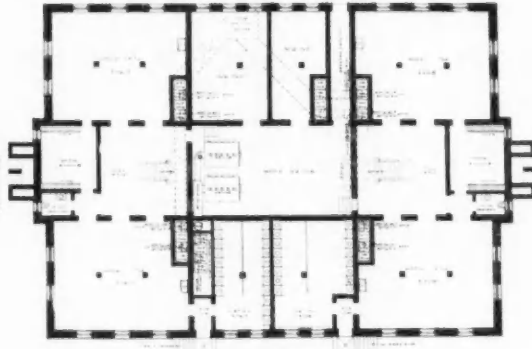
FRONT ELEVATION NEW PRIMARY SCHOOL, DISTRICT No. 11,
KINGSTON, N. Y.
Myron S. Teller, Architect.



SECTIONAL PLAN, NEW PRIMARY SCHOOL, DISTRICT No. 11,
KINGSTON, N. Y.



FIRST FLOOR PLAN.
NEW PRIMARY SCHOOL, DISTRICT 11, KINGSTON, N. Y.
Myron S. Teller, Architect, Kingston, N. Y.



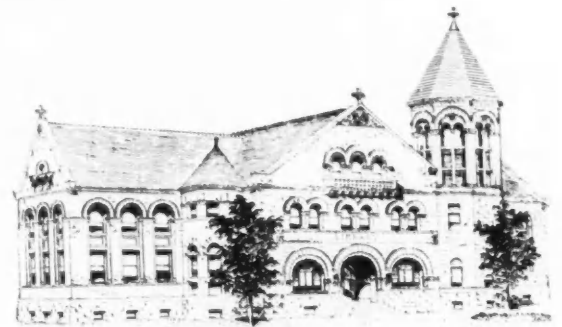
BASMENT PLAN.



NEW EAST WINSTON GRADED SCHOOL,
WINSTON, N. C.
H. J. Blauvelt, Architect, Winston-Salem, N. C.



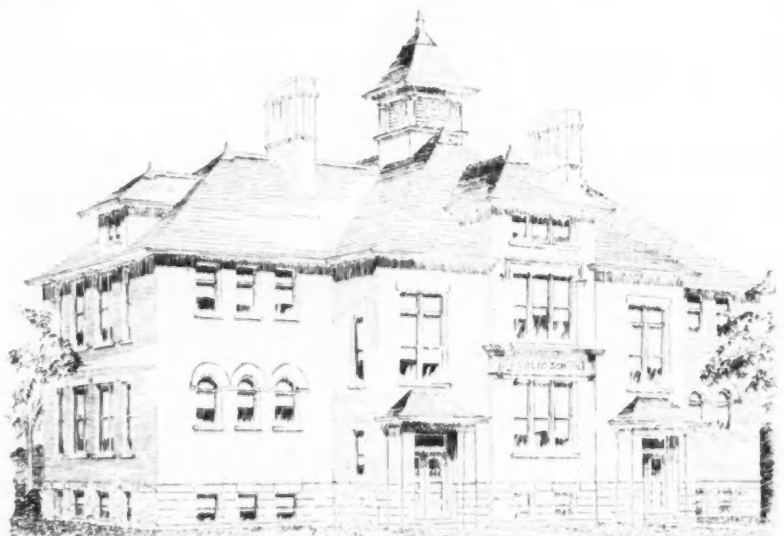
NEW SCHOOL BUILDING,
KENOSHA, WIS.
Chandler & Park, Architects, Racine, Wis.



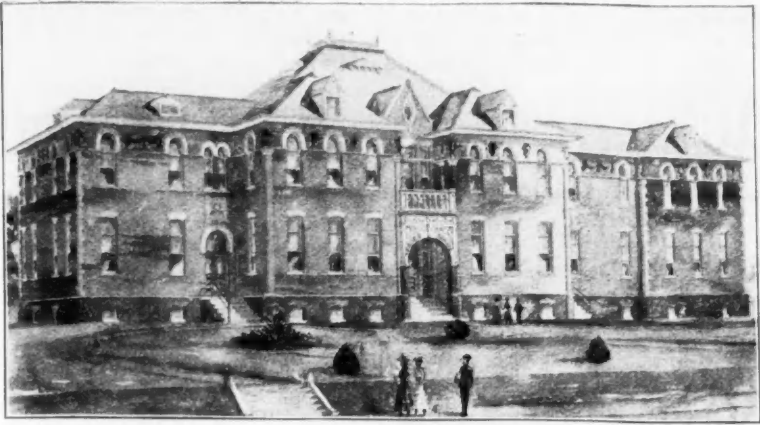
ACCEPTED DESIGN, LIBRARY FOR UNIVERSITY
OF WEST VIRGINIA.
Wilson Bros. & Co., Architects, Phila., Pa.



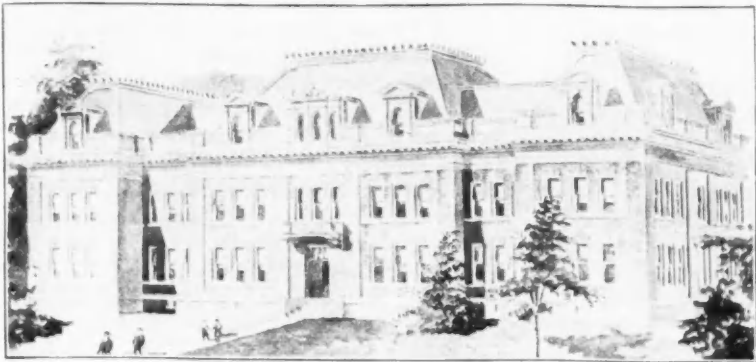
NEW SCHOOL BUILDING,
OSHKOSH, WIS.
E. E. Stevens, Architect, Oshkosh, Wis.



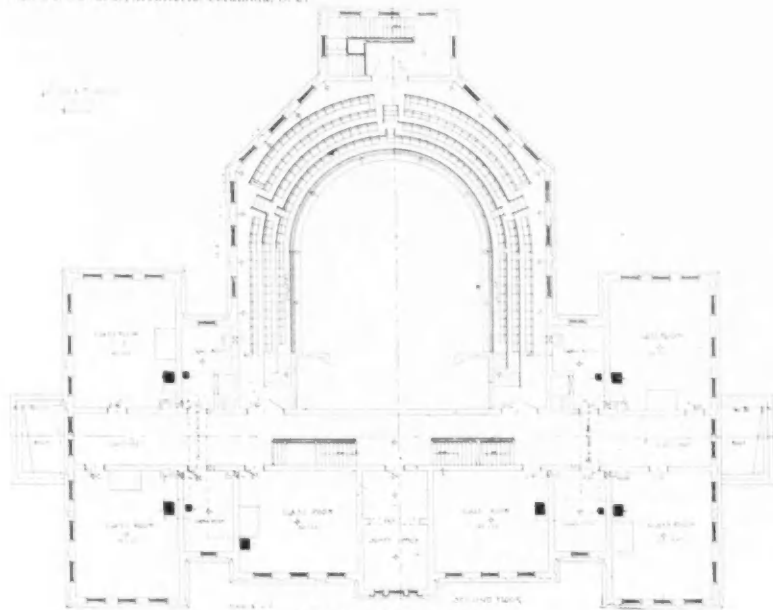
NEW SCHOOL BUILDING,
6 ROOMS. Cost \$12,000. PORT ATKINSON, WIS.
Van Ryan & De Witt, Architects, Milwaukee, Wis.



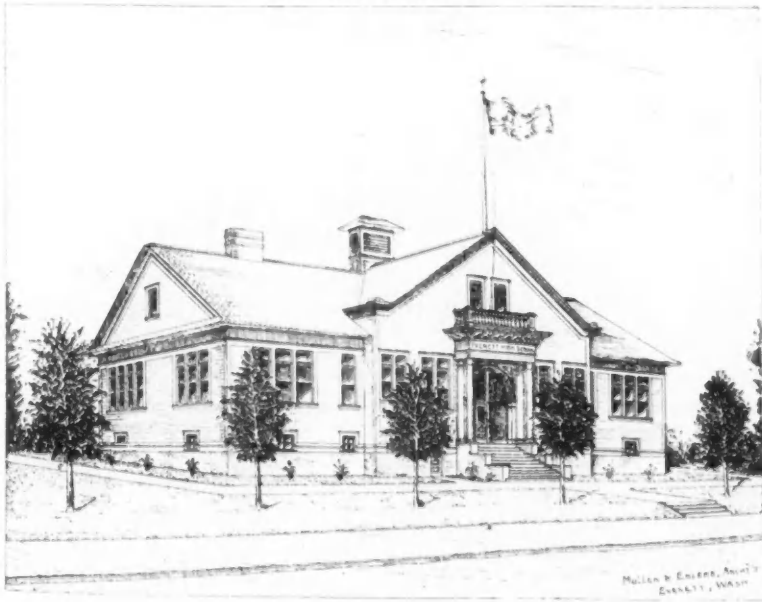
NEW GRADED SCHOOL.
REIDSVILLE, N. C.
H. J. Blauvelt, Architect, Winston, N. C.



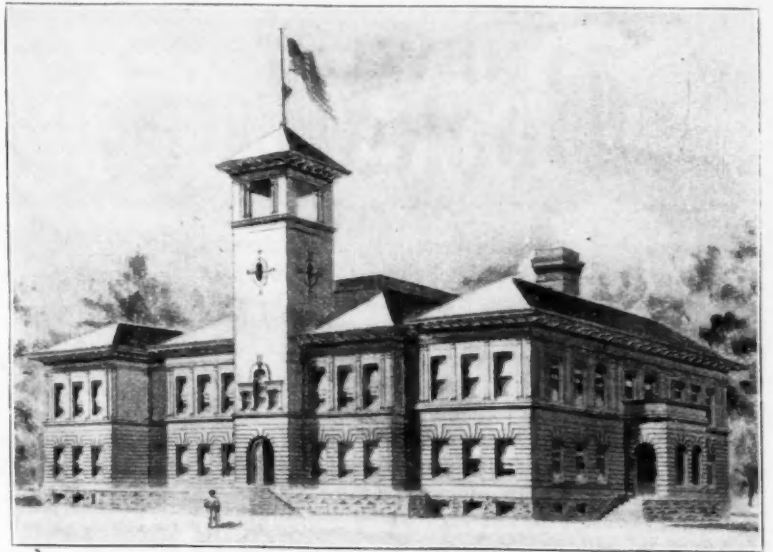
NEW GRAMMAR SCHOOL.
JACKSONVILLE, FLA.
Wilson & Edwards, Architects, Columbia, S. C.



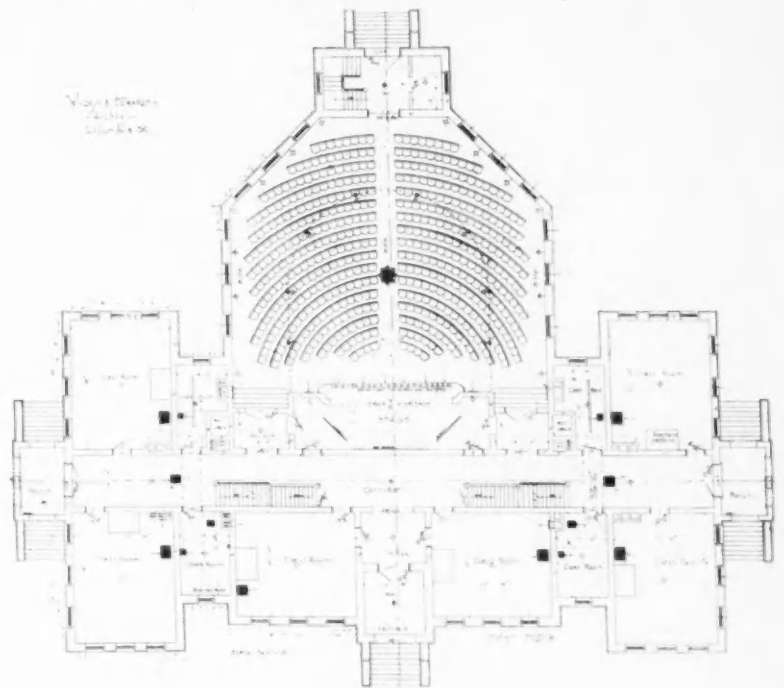
SECOND FLOOR PLAN.
THE NEW HARRIET M. BECKWITH SCHOOL.
BENNETTSVILLE, S. C.



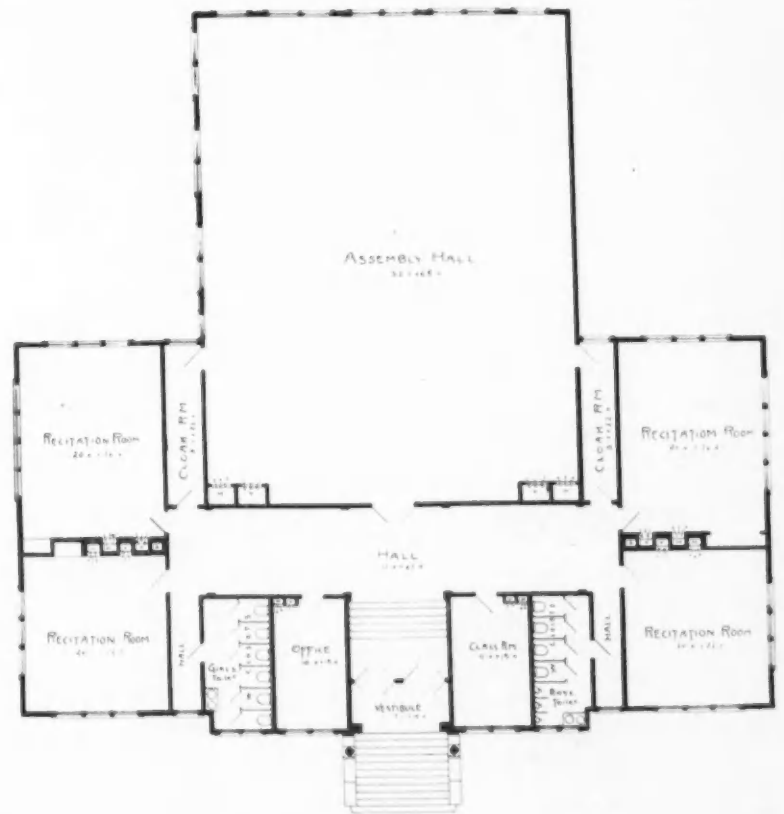
PERSPECTIVE VIEW.
THE NEW TEMPORARY HIGH SCHOOL, EVERETT, WASH.
Cost \$12,000. This will be followed by a permanent building to cost \$60,000.
Moller & Ehlers, Architects, Everett, Wis.



THE NEW HARRIET MURCHISON BECKWITH SCHOOL.
BENNETTSVILLE, S. C.
Wilson & Edwards, Architects, Columbia, S. C.



FIRST FLOOR PLAN.
THE NEW HARRIET M. BECKWITH SCHOOL.
BENNETTSVILLE, S. C.



FLOOR PLAN



ELEMENTS OF PLANE GEOMETRY. By Alan Sanders, of the Hughes High School, Cincinnati. Cloth, 12mo, 247 pages. Price 75 cents. Published by the American Book Company, New York, Cincinnati, Chicago.

Those familiar with the teaching of geometry have often had reason to deplore a propensity on the part of pupils to memorize the text. Mr. Sanders sees a way of obviating this evil in the omission of parts of the demonstrations. Thus the pupil is forced to fall back on his reasoning faculty, and will, in spite of himself, accomplish the end for which geometry is taught. Of course, the expedient offered cannot be introduced at the outset. The first few propositions are given in full to teach the student the form of a geometrical demonstration. Then in the succeeding proposition those steps are omitted which the pupil can readily supply, a question mark being inserted to indicate such omissions. In no instance is he expected to think out an entirely original proof; a plan of proof is always supplied.

Another distinctive feature of this little work are the exercises after each proposition having direct reference to the proposition. These are an addition to the general exercises in modern geometry as they appear in most text-books.

ELEMENTARY GEOMETRY: Plane and Solid. For use in high schools and academies. By Thomas F. Holgate, professor of applied mathematics in Northwestern University. 440 pages. Price Published by the Macmillan Company, New York, Boston, Chicago. (For sale at Des Forges & Company, Milwaukee, Wis.)

This book will take its place in the front rank of modern geometries. Though availing himself freely of later ideas and methods in this branch of mathematics, the author carefully eliminates from the early pages difficult principles of generalization. He believes that the incidental and particular facts of geometry must be had first. Thus equipped the student will bring more courage and intelligence to aid him in mastering abstract principles. There is a kindly note in the author's method of leading his pupils on, calculated to win sympathy and lighten the difficulties. The book is well stocked with exercises, and closes with a short chapter on plane trigonometry.

MODERN CHEMISTRY. With its practical applications. By Fredus N. Peters, A. M., Instructor in Chemistry in Central High School, Kansas City, Mo. 410 pages, 12mo, cloth. Introductory price, \$1.10. Fully illustrated. Published by Maynard, Merrill & Company, New York, Boston, Chicago.

During the last few years many text-books on chemistry have been issued. Most of these publications have something to recommend them. In "Modern Chemistry—Peters," we have a book which contains many good points; so many, in fact, that a person looking for a good text-book would have no difficulty in choosing. Peters' Modern Chemistry would force itself upon him. Some of our modern text-books give too much, leaving no room for private research; others go to the other extreme, leaving the student to plod his own way. Prof. Peters, we think, has taken the golden mean.

CONSTRUCTIVE FORM WORK. An introduction to geometry for grammar grades, by William N. Hailman, A. M., Ph. D. 60 pages. Published by C. C. Birchard & Company, Boston.

Here is an instructive little book for grammar schools. It does not suppose any knowledge of geometry, nor does it propose to impart the same. Its purport is to train the eye to accurate constructive work, to cultivate in the aesthetic faculty a feeling for what is exact, harmonious, symmetrical, to stimulate and guide the pupil's creative powers in geometrical design, with the ultimate intention of awakening deep interest in the study of geometry. The work outlined can be distributed over the entire grammar course, thus exacting no considerable time from any particular grade. The directions are lucid, the figures excellent, and the problems not too intricate for young minds.

INTRODUCTION TO THE STUDY OF ZOOLOGY FOR USE IN HIGH SCHOOLS AND ACADEMIES. By N. A. Haevev, Head Department Science, Chicago Normal School. 208 pages. Mailing price, 88 cents. Published by the Western Publishing House, Chicago.

To one interested in the study of natural sciences, the present volume offers a clear and orderly treatment of that part which deals with zoology.

The object of the writer, as he tells us, is to train the young mind to habits of careful and accurate observation. Much laboratory work is therefore insisted upon. Objects are carefully examined and taken apart, to undergo a thorough analysis.

The opening chapter treats of that well-known arthropod, the grasshopper. Fourteen pages are devoted to a careful study of its various parts. All the scientific terminology is applied, numerous drawings insisted upon and many questions, difficult in themselves and requiring much diligence and extraneous reading, are inserted.

The book is intended for schools and academies. We are of the opinion that much time, which might be devoted to more useful and necessary studies in these schools, would have to be given to this book to derive that mental training the author wishes to impart from the study of zoology. We think that too many of these so-called fads are creeping into our schools. An earnest study of those branches which are so essential to a thorough mental training, such as mathematics, Latin, Greek, English grammar, composition work and the like, is gradually being neglected. We seem satisfied nowadays to impart some general and somewhat vague notions of the essentials, and to fill up the vacant mind with fads which may be of some small utility to the few, but should not be cast upon our schools and academies as mental pabulum suitable and healthful for young and growing minds.

We have nothing against the "Introduction to Zoology" in itself. It is one of the best we have seen on the subject, but we do object to such books being mixed up indiscriminately with and crowding out other and more important branches of knowledge.

SECRETS OF THE WOODS. By William J. Long. Wood Folk Series. Book Three. 184 pages. Price, 60 cents. Published by Ginn & Company, Boston, New York, Chicago.

The subject is one which attracts children. Grown folks, too, may find this little volume an interesting one. The author takes his readers through the woodland and introduces him to the queer little inhabitants found there, discloses their peculiarities, their frolics, etc.

THE EDUCATION OF TEACHERS. By W. H. Payne, Ph. D., LL. D., Chancellor of the University of Nashville. Cloth; gilt top; price, \$1.50. Published by B. F. Johnson Publishing Company, Richmond, Va.

It has been our pleasure to read through, of late, a number of books on education, but we may truly say not one evidences an understanding of the teacher and of teaching as profound as this volume of Mr. W. H. Payne. Every chapter is replete with information founded on ex-

perience and tested by the requirements of common sense. He tells us that in many normal schools the main part of professional instruction consists of *methods* and *devices* to the neglect of scholarship and science; whereas freedom, versatility, variety, adaptation are pedagogic virtues of the first order. He would have the teacher follow some general principles but adapt them to the individual. The teacher's methods should be inspired and creative and should aim at reaching the heart as well as the head of the pupil.

In regard to fads, his words are: "It is appalling to think that the normal schools of the country should send out into society relays of half-educated teachers devoted to the exploitation of fads and bent on revolution under the name of progress." He contends that teachers should have a liberal education themselves, which should precede the study of any particular branch; and should have a knowledge of the "education values" of the several studies, so as to be able to gauge the limitations of the one or two studies to which he or she has been devoting years of application. The book is not written in the ordinary "dry-as-dirt" style of most books on education, nor in language bristling with technicalities and metaphysical subtleties, which mean very little after all, but in a very entertaining manner, which captivates the earnest teacher. It broadens the reader's views, ennobles the teacher's calling and leads inspiration to perform the duties of the school-room with enthusiasm.

IN AND AROUND THE GRAND CANYON. By George Wharton James. Illustrated with thirty full-page plates and seventy pictures in the text. 8 vo., 346 pages. Price, \$3.00. Published by Little, Brown & Company, Boston.

The Grand Canyon, one of the most sublime spectacles of the earth, is worthy of careful and attractive treatment in book form. The present volume is more than an ordinary work on travel. It is a beautiful illustrated description of a great subject. The author spent ten years in exploring the wild and picturesque trails of the Canyon. It forms an exhaustive description of the natural beauties and wonders of the region, as well as an introduction to the human activity, which pervades it.

THE HOLTON PRIMER. (Lights to Literature Series.) By M. Adelaide Holton, Supervisor of Primary Schools, Salt Lake City. 112 pages. Price, for introduction, 25 cents. Published by Rand, McNally & Company, Chicago, New York.

It would seem almost impossible, in view of the many recent primers, to produce one that contained new and attractive matter. The Holton Primer, however, is decidedly new, fresh and delightful. The text appeals to the child mind, the illustrations, both colored and black, are handsomely executed and well chosen.

THE PLAN BOOK. A little Journey to Ireland. Issued monthly except July and August, 103 pages. Price, \$1.50 per year. Published by A. Flanagan, Chicago, New York.

Equipped with a map and numerous half-tone illustrations the book takes the reader through Ireland, showing him the most characteristic and interesting features of that beautiful island. The descriptive matter, which is written in an easy conversational style, contains a sprinkling of poetry and a little historic references.

MORE FOLKLORE BY SKINNER

The book of "Folklore," prepared a few years since by Hubert M. Skinner, of Chicago, retains its popularity, it would seem, for it has been placed upon the new state school library lists of Iowa and South Dakota. Shortly after its first publication it was followed by the "American Folklore," of C. M. Skinner. The first-named book concerned itself chiefly with the more systematic and extended forms of ancient folklore

—the legends which have assumed definite form in literature. The author, however, exhibited in the volume a keen appreciation of the simpler and fragmentary forms. This has borne fruit in his last contribution to literature, which has just come from press. As an appendix to *"El Centiloquio de Santillana"* (edited with English notes), there is a collection of eighty Spanish verbs, with their translation into English. These were selected with great care from the rich field of proverbial philosophy of the Spanish people. For the most part they are centuries old. Often their import would not be clear but for the interpretation which accompanies their translation. They are generally in the form of short, rhymed couplets. They illustrate most vividly the manner of life and the habits of the people among whom they originated. The book is a joint production of Mr. Skinner and Caballero Don Fernando Staud y Ximenez. Mr. Skinner's hand is clearly shown in this part of the book, and his new addition to the available literature of folklore will be appreciated by all who are interested in the subject.

Here is the biographical outline of a well-known bookman. He was born in Nebraska and is a product of the farm. From the little country schoolhouse he stepped higher and higher educationally until he graduated from a leading university. He served as county superintendent and newspaper man. This man is John J. Faulkner, of East St. Louis, Ill. He represents the American Book company in Lower Egypt, in the kingdom of Illinois. "John is a fine fellow," said a contemporary of his recently, "he is an aggressive worker, a genial companion, and an all around good bookman. That means a gentleman and a successful business man."

School Room Lighting.

(Concluded from page 7.)

do this one of them must be fastened on a block so as to stand out from the window frame and immediately over the other one so that they will not rub together when both are rolled up, nor leave a chink through which a stream of light may pass when they are both unrolled. They should be wide enough to cover the window and extend three or four inches over each side of the window frame. This last precaution will save much annoyance later.

There has been much said about the proper color of the shades, and many experiments have been made to find the color and tint most satisfactory to the eyes of children and at the same time serve to prevent the entrance of dazzling light. Some have advised the use of an opaque dark green shade below and a translucent lighter green one above. This arrangement, however, can be satisfactory only when the shade used above is sufficiently opaqued and sufficiently dark to avoid that peculiar greenish light which makes one who looks at it feel "bilious."

7. Since the light of the room is modified both in amount and quality by the color of the walls, it is in place here to speak of this. What color is best for the walls of a schoolroom? I will answer this question by summarizing a report made to the school board of New York city, by a committee of the best known oculists of the city:

1. The wall space between the floor and the chair-rail should be a light brown.
2. Side walls and ceilings should be a light buff tint, or a light gray. The red end of the spectrum should never be used in schoolroom decoration, for it absorbs too much of the light.
3. Light-colored wood should be selected for the furnishings and furniture of the room.
4. The color chosen for the walls and ceilings should be chosen for the most unfavorable days.
5. The woodwork in the school-room should not be highly polished. Natural finish with a dull surface is best.

Typewriting in the Schools

The opinions rendered by the leading school superintendents in the United States on the educational value of the typewriter as published in the September School Board Journal have enlisted the widest interest. They form the consensus of opinion of the American schoolmaster, and fix definitely the status of the typewriter as an educational device.

The following opinions were crowded out of the last issue, and are therefore presented herewith:

"I am frank to say that the use of typewriters as a factor in education is a matter that every school should consider. This is what the board of education here did last fall and as a result two typewriters were purchased and another was rented. Fifty students of our high school took the work of typewriting and short-hand with great satisfaction to themselves and the school. The tuition received paid for the instruction and also for the machines. After making a thorough test of the work, for eight months, I am convinced that no better education can be given a child and that more schools should introduce the typewriter." *Prof. F. H. Stroeter, superintendent Public Schools, Carrollton, Mo.*

"We are now nearing the close of the second year's use of typewriters in our high school. In my opinion, good instruction in typewriting, while being very practical in the common acceptance of that term, also possesses high educational value for training pupils in the formal parts of English and in concentration of attention." *H. M. Slauson, Superintendent Public Schools, Ann Arbor, Mich.*

"I believe instruction in typewriting should become a part of the high school work, since a great number of children go into business pursuits instead of continuing to the universities." *Chas. C. Hughes, Superintendent City Schools, Alameda, Cal.*

"With the almost universal use of the typewriter in business affairs at the present day, I am decidedly of the opinion that no more valuable practical attainment could be offered the advanced pupils of the public schools than a familiarity with the use of the typewriter." *B. B. Snow, Superintendent, Auburn, N. Y.*

"We have a commercial department in our schools, and are using at present seven typewriters. I am entirely satisfied with the use of the typewriter, but as its use in the grades, we have never introduced it there, but my own personal opinion is that it would be a very excellent thing for pupils in the seventh and eighth grades. I know of no means of teaching spelling better than by the use of the typewriter. I expect to see the day when it will be used in the grades quite extensively." *Samuel W. Baker, Superintendent, Manistec, Mich.*

"The typewriter is a valuable means of training, helpful in establishing right habits and neatness, and good spelling. I believe it could be put to good advantage in any grammar school." *F. E. Bragdon, Superintendent, Lincoln, R. I.*

"We have used typewriters, giving instruction in typewriting in connection with stenography in the commercial department of our high school for some eight or ten years past. We consider the commercial department of our school one of its most practical and important features. We have an enrollment therein of about fifty students, pursuing the commercial course entirely independent of the high school course. We per-

mit students in the high school, after the third of fourth year of their course, to receive instruction in stenography and typewriting, if they desire it. A few, and but a few, high school students avail themselves of that privilege. I recognize the importance that the use of the typewriter has come to have in the ordinary affairs of life." *Emmet Belknap, Superintendent, Lockport, N. Y.*

"We have had a commercial department connected with our school for several years past. We have three machines in constant use, all being the Smith Premier, and instruction on the typewriter is open to the high school and eighth grade. Some of our pupils practice one-half hour a day, others an hour, under the direction of the teacher in charge.

"I may say, in brief, that I am heartily in favor of the use of typewriters in our public schools for the following reasons: First, it teaches neatness in paper work; second, carefulness in form and arrangement of paper work; third, accuracy in paragraphing, punctuation and spelling." *Samuel R. Brown, East Syracuse, N. Y.*

"We have a commercial department in connection with our high school, where we have four Smith Premier machines in use constantly. They are the only kind of typewriters ever used and probably the only one we will ever see, for the Smith Premier leads them all." *E. E. Scribner, Superintendent, Dunkirk, N. Y.*

"I think stenography and typewriting should be a part of the public school system." *Prof. J. H. Willets, Superintendent, Troy, N. Y.*

"Our young people who learn to operate a machine, are more exact, more alert, have a better working knowledge of English and do better work in other subjects, than would be possible had they not acquired this power." *S. R. Shear, Superintendent, White Plains, N. Y.*

"It seems to me that in the near future a person's education will hardly be considered complete unless they are able to do work on the typewriter, as it will then not be considered a luxury but a part of a well balanced education." *C. O. Richards, Superintendent, Solvay, N. Y.*

"I do not think there is anything that can be placed in our schools that would be of more benefit than the typewriter. It is instructive in more ways than one. It makes the student a spelling. Also it prepares him to enter a business life." *Silas C. Smith, City Superintendent, Millville, N. J.*

"Typewriters have been used in the eighth and ninth grades mainly. Some teachers prefer to have the machines in the room and some would rather they were left in some adjoining typewriter room. When left in the rooms, pupils use them all day, beginning one-half hour before school opens and continuing one-half hour after school closes. The pupils take their turns. The result has been highly satisfactory. Very little instruction is given. It is not much difference what the pupils begin to write. They may write anything that they would like to have typewritten. It is popular. Pupils like it. It is manual training. It is as likely to be practiced as anything that pupils study. It does not make bad penmen. It teaches spelling. Muscle and mind must work together." *J. D. Simkins, Superintendent, St. Mary's, Ohio.*



The Preacher Won.

T. J. Hassett, the bookman, recently told this story:

"Several years ago I was engaged in a brisk school book contest in southern Georgia. The company I represented, together with the University Publishing company, had held the trade in that section for a long period of years. In fact since the close of the civil war our opponents were several new firms in New York and Boston.

"It was my good fortune on several occasions to have as a traveling companion that prince of good fellows, Lucien V. La Taste, of Montgomery, Ala., agent of the University Publishing company.

"On one of our trips into the country by livery, we had occasion to experience all the discomforts of a windy day in summer on the sandy plains of the southern part of the state.

"We left Camilla for a twenty-mile drive into the western part of the state early in the morning. The wind blew a gale from the west and the same cut our faces like hail in winter. After traveling several miles we were overtaken by a well-dressed negro in an open buggy, driving a single horse. La Taste, who was the driver on that trip, fearful that the negro should pass us in the road and thus give us the benefit of a double portion of dust, urged our somewhat broken-down livery team for a mile or two to about the best trotting gait.

"But the negro, while he made no attempt to pass by us, kept close to the rear of our 'turn-out.'

"La Taste, who knew every phase of negro character, after taking a critical view of the fellow behind us, remarked: 'There is no occasion to be alarmed, that is a negro preacher and he will not drive by us even if we should stop in the road.'

"To test the matter I asked the negro where he was going to preach and how long he had been a preacher. He stated where he was going and said he had been a preacher since the close of the war. We soon arrived at the Flint river and while on the ferry boat I asked the preacher to tell us something of his experience, and he told this anecdote:

"He began preaching as a missionary Baptist and soon had two large congregations about twenty miles apart. Between his two churches there was a small congregation of Old School

Baptists, numbering about ninety members. The preacher of this small flock had invited our friend to preach in his church and he had willingly accepted. His sermon pleased the people and he was urged to come again, which he did, and again the third time. At the third meeting he converted every member of the Hardshell preacher's congregation and baptized them into the Missionary Baptist church, leaving the old man without a single member to preach to. He had, at the time we met him, over 1,700 members in his two congregations."

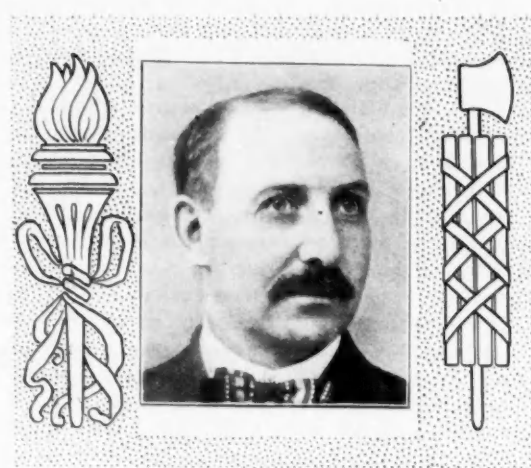
Prof. A. S. Klein, who represents the J. B. Lippincott company during the vacation months, is a native of Upper Bern township, Berks county, Pa. He was raised on a farm and attended a district school for four months in the year. He taught eight terms in his native county with remarkable success. He can count his former pupils, who now occupy important positions in life, by the score.

For the past ten years Prof. Klein taught in Lancaster county. He is now the principal of the Akron Borough schools. His career is characterized by a peculiar fondness for teaching. Since he first began to teach he has at various times filled commercial positions, among them book agency work, if such work can be classed as such, but an instinctive love for school work has always brought him back to the teaching profession.

Young became philosophic—we mean W. F. Young, of D. C. Heath & Co.—became philosophic when he rolled a potato in his hands and realized that it would take \$2 to secure a bushel of them. While he sat thus sunken in thought Superintendent Roberts, of Farmington, Ill., snapped his camera and thus secured the thoughtful young bookman in an enduring form. Prof. Roberts labeled his product "The



W. F. YOUNG.
Philosophizing Over a Potato.



MR. H. M. ROWE,
Secretary and Treasurer, The Sadler-Rowe Co.,
Baltimore, Md.

Philosopher. He thinks he is thinking." The schoolmaster has since discovered that Young was really thinking—thinking of several substitutes for the precious potato, which will be worth its weight in gold if the price keeps on crawling up.

A frank and outspoken manner characterizes H. M. Rowe, the secretary and treasurer of the Sadler-Rowe Company of Baltimore. To meet him and his briskness and geniality is to remember him forever. He is ready and decisive in action. At his desk he manifests generalship with the same ability that has marked his efforts in field work. He has made books—and good books at that—and has successfully introduced them.

Rowe is direct—almost brusque—in his observations on men and affairs—and yet, with a vein of humor and good fellowship in all that he says and does.

The Sadler-Rowe Company has made rapid strides in securing recognition in the public schools of the land. Its books cover commercial studies.

C. F. Newkirk, manager of the educational department of Rand, McNally & Company, was confined to his home last month by illness. He is at his desk again.

Mr. Frank J. Sessions, who represents Rand, McNally & Company in Iowa, was formerly superintendent at Waterloo.

Mr. L. J. Lively, formerly representing Werner School Book Company in Illinois and Wisconsin, now covers the same territory for Rand, McNally & Company.

Des Moines, Iowa, contains perhaps more school book men than any other town of its size. The following agents call this their home and headquarters: Murray A. Campbell, E. D. Burbank, Ginn & Company; John R. King, of W. M. Welch & Company; W. H. Stoner, W. J. Shearer, of the American Book Company; W. H. Maddock, of Silver, Burdett & Company; Edward Adams, of the Western Publishing House; W. M. McCord, Rand, McNally & Company.

Are you looking for a successful teacher? We will be glad to serve you. The Martins Teachers' Bureau, Flushing, Mich.

NEW GEOGRAPHIES

The Rand-McNally Geographies have been revised by Professor Charles R. Dyer, of the Indiana State Normal School. There are ninety pages of new matter, many new maps and illustrations and a special section on "The Industries of the United States."

Why not examine them?

GOOD MAPS.

Good maps are essential to good teaching. Our maps are of that kind. For nearly fifty years we have been known as the largest map makers in the United States. Our imprint is a guarantee of excellence. If you are thinking of buying maps, globes or atlases, our new illustrated catalogue will interest you. It may be had for the asking.

RAND, McNALLY & CO., Publishers.

CHICAGO.

NEW YORK.

Adjustable School Desks.

THE MODERN ACHIEVEMENT IN SCHOOL HOUSE EQUIPMENT.

Great as have been the recent improvements in school house architecture and in the sanitary arrangements for school houses, they have not begun to keep pace with the marvelous improvements which have been made in the construction of school desks. The East took the lead, as it has often done in matters educational, and the New England school boards demanded of the manufacturers a desk that could be adjusted to fit the pupil. Prominent and leading educators endorsed this demand, and as a result the "Little Red School House" in the New England States is furnished with adjustable desks. They are somewhat crude in their construction and are by no means up-to-date in style and mechanism, but they accomplish the great end to be desired—that of enabling the pupil to sit comfortably and in a proper position.

Western school desk manufacturers, keen with business instinct and quick to grasp the importance of being abreast the times, and recognizing the growing demand for school desks constructed on sanitary lines, have not only followed the lead of the East in this particular, but have bounded way to the front; and many are the styles of adjustable desks put upon the market during the past few years.

Ever alert to the interests of our readers and of the educational public in general, we have devoted much time and thought to this question and we find it to be the universal opinion of prominent teachers, leading educators and eminent physicians that many of the deformities of school children, many of the bent legs, crooked spines and stooped shoulders, are due to the use of non-adjustable ill-fitting desks that compel the pupil to sit in an unnatural, cramped and improper position.

There recently came to our notice something decidedly new in the line of adjustable desks; it is manufactured by Thomas Kane & Co. Works, of Racine, Wis., and is called the "Eitherside"—(so called because it can be adjusted from either side)—and through the courtesy of the manufacturers we are able to produce here a cut of the desk itself:



THE "EITHERSIDE" ADJUSTABLE.

In addition to the fact that this is the most elegantly finished piece of school furniture that we have ever seen, the striking feature of the desk is the ease with which it can be adjusted and in the fact that after the adjustment has been made the desk is as rigid and as solid as a stationary desk. The adjustable feature consists of two solid rods or shafts passing entirely through the desk from side to side. On the ends of the rods are cogs which turn on corresponding cogs on the main castings, so that both sides are raised or lowered simultaneously and

evenly. The rods above mentioned serve not only for the purpose of adjustment but as braces, giving the desk great strength and rigidity.

The question as to how high or how low the desk and seat should be adjusted is not left to the caprice of the janitor nor to the whim of the pupils; a measuring-gauge is used, which is constructed on scientific principles, and by means of which the teacher can instantly determine how high the seat should be, to accommodate the pupil; she simply gives the janitor a memorandum of the required adjustment and he does the rest—when the school is not in session.

One especially commendable feature of the "Eitherside" desk is that in general style and appearance it is very similar to stationary desks of the same pattern; so that school boards who wish to economize still to have the advantage of adjustable desks can, without marring the appearance of the school room, put into the same room desks of both kinds.

The "Eitherside" is a Model of beauty, strength and convenience, and in addition to its many other points it is provided with a ball-bearing hinge, so that the mere act of the pupil's rising causes the seat to fold automatically and noiselessly. Upon the whole it seems to us to be the height and limit of possible achievement in the school desk construction, and to embody all of the features that are desirable in a first-class adjustable school desk.

Our readers will appreciate the fact that we have no interest in any particular desk, but from the standpoint of hygiene and with the health and comfort of the pupils only in view, we do not hesitate to urge upon school boards everywhere the importance of abandoning the time-honored barbarism of trying to force the pupil to fit the desk and the importance of providing desks that fit the pupils; and with this in view we will be glad to give to our readers, from time to time, the benefit of anything that may come to our notice in the way of recent inventions and improvements along this line.

To School Janitors.

As a labor and money-saving device the Dustless Sanitary Brush which is now so extensively used by school janitors, cannot be excelled. It prevents the dust

WHITTILING TRAYS

FOR ELEMENTARY KNIFE WORK.

These trays are used as desk tops; are made out of carefully selected, thoroughly dry wood, well finished, and are furnished with a set of tools particularly selected for beginners in knife work.

Send for new circular, just issued.
Mention this Journal.

HAMMACHER, SCHLEMMER & CO.,

239 Bowery, NEW YORK, since 1848.

from rising while the sweeping is being done. Again the dustless brush will outwear a dozen brooms. It is more easily operated and is less tiresome than the ordinary broom.

The dustless sanitary brush is manufactured by the Dustless Sanitary Brush Co., Milwaukee, Wis.

A Letter to Frick.

Mr. Fred Frick, the manager of the Frick Program Clock company, of Waynesboro, Pa., is the recipient of several thousand testimonials on the merits of the Frick automatic program system. The following is a fair sample of the letters received:

Chambersburg, Pa., May 6, 1896.

Dear Sir:—I am glad to say your Program Clock furnished Wilson College last year has worked very satisfactorily. We value it very highly and would not do without it for many times its cost.

S. A. MARTIN,
President Wilson College.

James R. Little, president board of education, Berkeley, Cal., favors the automatic regulation of temperature in the schools.

STEREOPTICONS AND LANTERN SLIDES —FOR SCHOOL USE.—

Write to Dept. A. for illustrated catalogue.

A. T. THOMPSON & CO.,

88 and 90 LaSalle Street, CHICAGO,

25 Bromfield Street, BOSTON.

A GOOD INVESTMENT FOR SCHOOL PEOPLE.

An investment that will bear the closest scrutiny, that will earn a handsome income, that will permit payments in installments, that is absolutely free from chance—and specially designed to meet the wants of small investors, is offered.

The men behind the enterprise are substantial, occupying the highest positions in commercial and professional life.

The investor becomes a partner in the ownership of a tract of land in Mexico adapted to the cultivation of coffee, rubber, sugar cane, and all kinds of tropical fruits. Write for printed matter and references.

Indorsed by the editor of this journal who refused to accept this advertisement until he had satisfied himself fully that the enterprise was worthy of support.

ISTHMUS PLANTATION ASSOCIATION OF MEXICO,

414-17 First National Bank Building,

MILWAUKEE, WIS.



Moline, Ill. The board purchased copies of Barnes' Typewriting Instructor for Remington machine for use by the commercial class.

Terre Haute, Ind. "Modern Eloquence," a set of ten volumes, containing speeches by leading American and English orators, price \$28, has been purchased by the board.

San Antonio, Cal. Supt. Colston, at the board's last meeting, stated that he had found that the schools were without a speller and without the use of dictionaries. "I have determined," he said, "to put a speller and dictionary in the hands of every child from the fourth to the eighth grades. Three things are necessary in that speller: First, I want a well-bound book; second, I am opposed to a two-book series when one book will answer the purpose; third, the contents of the speller should be such as to most aid the pupil in learning to spell."

Wooster's primer, which has been adopted by the government for use in the Indian schools, and which is also used in the schools of Kansas, California and New Mexico, is the production of a Kansas woman, Miss Lizzie Wooster.

Charleston, S. C. The Redway Geographies have been introduced in the schools.

Chicago, Ill. J. Sterling Morton, of Nebraska, in an address before the National Association of Merchants and Travelers, said the following on the question of free text-books: "In many of the states the common school system has been debauched so that it assumes general parenthood for the commonwealth. The books are purchased by the state. Thus the great lesson of ownership, of care, of thrift, which was instilled under the old system, when each child received the books from his parents with an injunction to take good care of them, each book being carefully covered with strong cloth by a competent and thrifty mother in order that the money invested therein might not be wasted or lost, is eradicated from the mental and moral discipline of the pupils. The ownership of books by the children in the old-fashioned country school carried with it a lesson in self-reliance, in self-denial and in economy which not one of the public schools of to-day teaches half so well. Now in many of the states the educational system is primarily for the benefit of certain types of modern educators rather than for the intellectual expansion and training of pupils."

New Philadelphia, O. The law prevents a change of books within five years after their adoption, and this is the year when changes, if any, are made. It is not necessary, according to the opinion of a local attorney, that when once a book is adopted that it be readopted at the end of five years, but when once adopted five years must elapse before a new one is introduced.

Lincoln, Ill. The Werner School Book Company has made the board a proposition to introduce Baldwin's Physiologies.

Iowa Supt. Sheakly, of the West Des Moines High school and chairman of the legislative committee of the State Teachers' Association, is at work preparing a bill for state uniformity of text-books which will do away with the county adoption system.

Columbus, O. Steps have been taken for introducing the free text-book system.

Memphis, Tenn. At a recent meeting of the board representatives of various publishing houses were permitted to address the members five minutes on the subject of copy books. Those who talked to the board

were: W. Caulkins for Glinn & Co., W. H. Lewis for the American Book Company, Mr. Harris for the B. F. Johnson Publishing Co., and Mr. McMichael for Maynard, Merrill & Co. The board enjoyed the agents' talk on the merits of the system of penmanship and the copybooks published by their houses.

Baltimore, Md. The study of geography is taught topically, instead of following the outline in any one text-book.

Quincy, Ill. When the question of adopting a new geography came up, L. J. Lively appeared as agent for Rand, McNally, and was successful in having his books adopted.

Lynn, Mass. Eggleston's First Book in American History is being used in the night school.

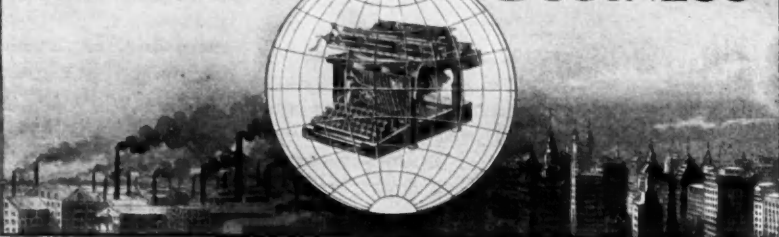
Bowling Green, O. The board decided to introduce drawing in the schools, and adopted the Prang Graded Course in Drawing. This system received the only medal awarded any elementary educational exhibit at the Paris exposition. The phases of art instruction embodied in the course as adopted by the board are representative drawing, decorative drawing and constructive drawing. The course is such that a special teacher is not needed. The system presents the principal of art in a form to interest and instruct, along both practical and aesthetic lines, giving pupils a thorough course in fundamental principles of art and the technical skill to make drawing of practical use in everyday life.

Irish "American and British Authors" has recently been adopted for use in the high schools of Mt. Carmel, Pa.; Canistota, S. D.; Trotwood, O.; Randolph, Ia.; Davenport, Wash.; Ottawa, O.; Howard, O., and many other places. Irish's "Orthography and Orthoepey" has recently been adopted for use in the high schools in Jacksonville, Fla., in many entire townships in Ohio, as well as in a large number of places in other states.

Burgess Smith is the manager of the Southern School-Book Depository at 140 Whitehall street, Atlanta, Ga. The depository represents the following firms: University Publishing Co., Maynard, Merrill & Co., D. C.; Heath & Co., Williams & Rogers, Silver, Burdett & Co., Thos. R. Shewell & Co., Butler, Sheldon & Co., Oxford University Press, Eldredge & Bro., Sadler-Rowe Co., The Macmillan Co., Rand, McNally & Co., Hinds & Noble, Ellis Publishing Co.

Chicago, Ill. A legal fight is about to be instituted over the introduction of the free text book system. On the one side are the Roman Catholic societies and churches who proposed to defeat the measure, while the

THE WORLD'S BUSINESS



is transacted with ease and despatch through the universal use of the

Remington Typewriter

The Speed, Strength and Reliability of the Remington, and its capacity for years of heavy work, make it the STANDARD writing machine in every department of commercial, professional and official life.

This fact constitutes an excellent reason why every stenographer and student should become expert in its use.

The system of "Touch" writing, now so popular, is an outgrowth of experience with the compact keyboard and easy mechanical action of the Remington.

GRAND PRIX, Paris, 1900.

OUTRANKING ALL MEDALS.

WYCKOFF, SEAMANS & BENEDICT,
327 Broadway, New York.

Turner societies, labor organizations, Bohemian, German, Polish and American societies are contributing to the defense of the action of the board. The parochial school element claims that it is an injustice to them to establish the system. Free text books are first to be supplied to the four lower grades and then gradually in the upper.

A new German primer will be brought out this month by the Western Publishing House of Chicago. The work will be based upon the phonetic-synthetic method. The author is Anna Richter Hamilton. This book is designed to develop a system of phonic synthesis, by which the child is given the power to readily recognize, distinctly articulate, clearly enunciate, critically pronounce, and correctly spell the ordinary words of the German language, thus preparing him for the drill in thought and expression which every good primary teacher must give.

1901 BOOKS And Others.

MAURY'S GEOGRAPHIES With new maps, illustrations and corrections.

HOLMES' SCIENTIFIC READERS. Colored illustrations, fully and perfectly graded.

STANDARD LITERATURE SERIES. 48 numbers in all.

CLARENDON DICTIONARY. For pupils' use in grammar and high school grades.

Davis Thought and Sentence Method of Teaching Reading. In four numbers, each book divided into parts.

GOLDEN-ROD BOOKS. Graded for supplementary work for first, second, third and fourth Readers. Rhymes and Fables, Songs and Stories, Fairy Life, Ballads and Tales.

Vertical and Slant System of Writing Books. With engravings at the top of each page illustrating words.

GILDERSLEEVE-LODGE LATIN SERIES. Dr. Gildersleeve is so well and favorably known as a Latin Scholar, that the very mention of his name guarantees merit, exactness and scholarship.

UNIVERSITY SERIES MAP STUDIES. In three parts. 1st, Outline of Country, together with squares. 2d, Squares only. 3d, Neither outline nor squares, but location is indicated by points.

In Preparation.

BOUTON'S SPELLER for primary grades. Studies in words and exercises in word building.

Standard Literature Series No. 49. The Merchant of Venice. Ready in September, by Dr. Edward Everett Hale, Jr., with notes and criticisms.

CORRESPONDENCE SOLICITED.

UNIVERSITY PUBLISHING CO.,

43-47 E. 10th St., New York.

New Text Book Adoptions.

Chandlerville, Ill. Woodward & Tiernan Readers.
 Shelbyville, Ill. The Werner Arithmetics.
 Tacoma, Wash. Supplementary text-book: Maria Pratt's American Story for America.
 Northfield, Minn. Prang's Elementary Course in Drawing.
 Fergus Falls, Minn. Modern Music System.
 Morrisonville, Ill. Readers published by Woodward & Tiernan Printing Company, St. Louis, Mo.
 Jersey City, N. J. Taylor's First Reader.
 Brooklyn, N. Y. The Arithmetic Primer.
 Boone County, Ill. Hall's Arithmetic.
 Central City, Neb. The Werner Arithmetic.
 Meredosia, Ill. Readers, Arithmetic, Language and Speller published by the Woodward & Tiernan Printing Company, St. Louis, Mo.
 Montclair, N. J. Taylor's First Reader.
 Calhoun County, Mich. Hall's Arithmetic.
 Manchester, Ill. Woodward & Tiernan Readers.
 Detroit, Mich. The Werner Arithmetics.
 Fond du Lac, Wis. Frye's Elements of Geography, Frye's Complete Geography, Arnold & Kittredge's The Mother Tongue, Book No. 1, Arnold & Kittredge's The Mother Tongue, Book No. 2.
 Quincy, Ill. Rand, McNally's Geography.
 Cohoes, N. Y. Packard's Commercial Arithmetic, Modern Illustrative Bookkeeping, Pitman's Shorthand Manual.
 Lyons, Ia. The Werner Arithmetic.
 St. Peter, Minn. Comstock's Virgil, Carhart & Chute's Physics, Harris' German Reader, Kelsey and Greenough's Cicero, Joynes & Meisner's German Grammar, Pancoast's English Literature, Wentworth's Geometry, Kelsey's Caesar, Webster's English Composition, Meyer's General History, Jones' Latin Grammar, Milne's Algebra, Montgomery's American History, Giggleson's U. S. History, Hyde's Grammar, Walsh's Arithmetic, Niles' Advanced Geography, Fry's Geography, Swiss Family Robinson's Reader, Harrington's Speller, Swinton's Third, Second and First Readers.
 South Bend, Ind. Chopin's Elementary Course in Drawing.
 Rensselaer, N. Y. Chopin's Economics, Scott & Denning's Composition and Rhetoric, Regents' Selections in German Literature, White's First Greek Book, Goodwin's Greek Grammar, Goodwin & White's Xenophon's Anabasis.
 Toledo, O. Milne's Algebra, Montgomery's English History, Bullock's Political Economy, Redway's Physical Geography, Walsh's Arithmetic and Hyde's Grammar.
 Glenville, O. Stepping Stones to Literature Readers, Dubb's Arithmetic and Frye's Geography.
 Moline, Ill. Botsford's History of Greece, Botsford's Commercial Law, Herrick & Damon's Composition and Rhetoric, New Era History of the United States and Krohn's Graded Lessons in Hygiene.
 Davenport, Ia. Cotton's Brief Course in Physiology and Bergen's Foundation in Botany.
 Davenport, Ia. Natural Geography.
 Los Angeles, Cal. County adoption: Walsh's Arithmetic, Wells' Algebra and Hill's Geometry.
 Cripple Creek, Colo. The Werner Arithmetics.
 San Antonio, Tex. Guilford's Speller, Halleck's English Literature, Shaw's English Literature and Ralfe & Denison's Latin.
 Elk Point, S. D. County adoption: The Cooley Primary Language Series.
 Brookhaven, Miss. Cry's Primer, Cry's First, Second, Third and Fourth Readers, Barnes' National Copybooks, Reed's Word Lessons, Merrill's Vertical Copy Books, Bartholomew's Drawing Books, Lyte's Elementary English, Robinson's New Rudiments of Arithmetic, Johnson's Fifth Reader, Patrick's Lessons in Language, Frye's Elements of Geography, Stepping Stone to Literature, Sixth and Seventh Readers, Reed & Kellogg's Graded Lessons in English, Robinson's Progressive Practical Arithmetic, Robinson's New Intellectual Arithmetic, Frye's Complete Geography, Swinton's Word Book, Reed & Kellogg's Higher Lessons in English, Lee's New School History U. S., School Dictionary, Robinson's Progressive Higher Arithmetic, Wentworth's First Steps in Algebra, Collar & Daniel's Beginners' Latin Book, Riley's History of Mississippi, Lockwood's Lessons in English, Wentworth's Elements of Algebra, Collar & Daniel's Second Year Latin Book, Montgomery's Leading Facts in English History, Hutchison's Physiology and Hygiene, Young's Government Class Book, White's Beginners' Greek Book, Wentworth's Plane Geometry, Cicero's Orations, Allen & Greenough's Shorter Latin Grammar, Barnes' General History, Shaw's Physics by Experiment, Xenophon's Anabasis. Supplementary: Baldwin's Second Reader, Fifty Famous Stories, Stories of Our Country, Story of the Thirteen Colonies, Carpenter's Geographical Reader, South America, Guerber's Story of the Greeks, English Classics: Shakespeare's Macbeth, Milton's L'Allegro, Il Penseroso, Comus and Lycidas, Sir Roger De Coverly Papers in Spectator, Silas Marner, Pope's Translation of the Iliad (Books I, VI, XXII and XXIV), Goldsmith's Vicar of Wakefield, Burke's Speech on Conciliation with America, Macaulay's Essays on Addison and Milton, Scott's Ivanhoe, Shakespeare's Merchant of Venice, Cooper's Last of Mo-

hicans, Tennyson's Princess, Coleridge's Rime of the Ancient Mariner.
 Dayton, O. District schools: Natural Elementary Geography, Natural Advance Geography, Natural Spelling Book, Prang's Drawing Books, Nos. 5, 6, 7, 8, Webster's Dictionary, Common School, Krohn's Graded Lessons on Hygiene, Mueller's German Readers and Language Books, Nos. 1 and 2, Hyde's Two-Book Language Lessons, Nos. 1 and 2, Walsh's Arithmetic, Nos. 1, 2, and 3, Stepping Stones to Literature, Educational Music Course, High school: Latin—Bellum Halvatium, Bennett's Latin Grammar, Harper & Tolman's Caesar, Kelsey, Cicero; Harper & Tillman, Virgil; Dodge & Tuttle, Latin Prose Composition; Scudder, Gradatim, Greek—Graves and Hawes, First Book in Greek; Goodwin, Greek Grammar; Keep, Homer's Iliad, Books I-III, with Vocabulary, German—Thomas, Practical German Grammar; Spanhooff, Grammatik; German Classics; German-English Dictionary, French—Chardenal, Complete French Course; French-English Dictionary; French Readings, History—McLaughlin, History of the American Nation; Myers' General History, Corman and Kendall, History of England; Fiske's Civil Government in the United States, Mathematics—Taylor's Elements of Algebra, S. W. & Co.; White, Elements of Geometry, Plane and Solid, Science—Bergen, Elements of Botany; Martin, Human Body (brief course); Davis, Physical Geography; Remsen's Briefer Course Chemistry, English—Herrick and Damon, Composition and Rhetoric; Dickens, Cricket on the Hearth; Hawthorne, Tales of the White Hills; Chaucer and Other English Classics, Commercial—Pitman, Manual of Phonography, revised; Reporters' Companion; Ellis, Office Methods and Practical Bookkeeping; Powell and Lyon, Academy Song Book, abridged.
 Bridgeport, Conn. Davenport's Introduction to Zoology.
 Dixon, Ill. Baldwin's Readers, Metcalf's Grammars, the Natural Geographies, Macy's Our Government, the Natural Speller, McMaster's Histories, Overton's Physiologies and Milne's Arithmetics.
 North Platte, Neb. The Werner Arithmetics.
 Golden, Ill. Woodward & Tiernan Readers.
 Somerville, Mass. Tarbell's Geographies.
 Dubuque, Ia. The Werner Arithmetics, Adams' Commercial Geography and Jordan & Kellogg's Zoology.
 Bath, Ill. Woodward & Tiernan Readers.
 Modesto, Ill. Woodward & Tiernan Readers.
 Fergus Falls, Minn. Modern Music Series.
 Charleston, S. C. Baldwin's Readers, Redway's Geographies and Milne's Arithmetics. Text-books used in the Memminger Normal school: Wentworth's Geometry, Melkilejohn's English Literature, Shinn's American History, Branson's "Page's Theory and Practice of Teaching," Peterman's Civil Government, Chardenal's French Course, Williams's Chemistry, Halleck's Psychology, Behren's Mythology, Harper and Tolman's Caesar, Wentworth's Plane and Solid Geometry, Wentworth's New School Algebra, Steele's Popular Physics, Williams's Rhetoric, Collar and Daniels' Beginners' Latin Book, Collar's "Via Latina," Maury's Physical Geography, Anderson's English History, Chardenal's First French Book, Wentworth's Grammar School Arithmetic, Steele's Physiology, Maury's Physical Geography, Buchler's Modern English Grammar, Swinton's Outlines of General History, Redway's Advanced Geography, Swinton's Outlines of General History, Creery's Speller, The Riverside Literature Series, Heath's Modern Language Series and Prang's Drawing are used in all the classes.
 Canton, Ill. Scott and Denney's English Composition and Herrick and Damon's Composition and Rhetoric.
 Rock Island, Ill. Adams' Commercial Geography and Jordan & Kellogg's Zoology.
 St. Paul, Minn. The Werner Arithmetics.
 Norwich, Conn. Arithmetic Primer.
 Norwalk, Conn. Taylor's First Reader,

The Concensus of Educational Opinion on the Subject of ARITHMETIC:

"Hall's Arithmetics have done more for the schools than all the other books published on this subject during the last half century."

From HON. H. R. PATTENGILL,
Former Superintendent of Public Instruction, State of Michigan.

"Hall's Arithmetics are simply admirable.
 "Lord speed the day when our girls and boys may be enfranchised by such books.
 "The rubbish is brushed away. The grain is presented in most artistic and inspiring style.
 "Why, it would almost seem that even 'a stick of a teacher' could teach arithmetic by these books. All that is needed is to expose the pupil to them. The inoculation will surely follow, and will spread like measles.
 "Teacher, no matter what books you are using, send for Hall's Arithmetics, just to get the author's views if nothing else."

There are other recent books on our list which also stand for new and valuable educational ideas about which we shall be glad to correspond with educational people. Address,
WERNER SCHOOL BOOK COMPANY: CHICAGO, NEW YORK, OR BOSTON.

Troy, N. Y. Packard Commercial Arithmetic, Modern Illustrative Bookkeeping, Pitman's Shorthand Manual.
 Columbus, O. New Century Arithmetic, Baldwin's Readers and New Era History.
 Ottawa, Ill. The Werner Arithmetics.
 Palmyra, Ill. Woodward & Tiernan Readers.
 Hastings, Ia. Milne's Arithmetic and Baldwin's Readers.
 Staunton, Ill. Woodward & Tiernan Readers.
 Aurora, Ill. The Werner Arithmetics.
 Oshkosh, Wis. Natural Geographies.
 Circleville, O. McMaster's History, Overton's Physiology, Ray's and Milne's Arithmetics, Patterson's Word Book, Natural Geographies, McGuffey's Readers, Harvey's Grammar and Cantvoort's Music Reader.
 Carthage, Ill. Woodward & Tiernan's Readers.
 Springfield, Ill. The Werner Arithmetics.
 The Werner Arithmetics were recently adopted in Auburn, Me., Everett, Mass., Quincy, Mass., Urbana, Ill., Mercer County, Ill. Hall's Arithmetics.
 Lincoln, Neb. Brown & DeGarmo's Grammar.
 Boston, Mass. The Werner Arithmetics, Tarbell's Geographies and Taylor's First Reader.
 Philippine Islands. Tarbell's Geography.
 Boone County, Ill. Hall's Arithmetic.
 Auburn, Me. Scrazer and Squal's French Grammar.
 Beardstown, Ill. Collar and Daniels' Latin Course.
 Terre Haute, Ind. Collar and Daniels' First Latin Book, Wells' Essentials of Plane and Solid Geometry, Remen's Chemistry, McLaughlin's History of the American Nation and Bailey's Comprehensive American Arithmetic.
 Worcester, Mass. The Werner Arithmetic.
 Newport, R. I. Tarbell's Geographies.
 Princeton, Ill. Hall's Arithmetics.
 New York City. Taylor's First Reader.
 Tacoma, Wash. Supplementary: Mara Pratt's American Story for America.
 Lincoln, Ill. Bellompeveticam Latin Book, Morrill's Civil Government of the United States and Illinois, Jordan's Animal Life and Lockwood & Emerson's Composition and Rhetoric.
 Alton, Ill. Lockwood & Emerson's Composition and Rhetoric.
 Youngstown, O. Patterson's American Word Book, Metcalf & Bright's Language Lessons, McGuffey's Revised Readers and McMaster's Primary History.
 Watertown, S. D. The Werner Arithmetics.
 Lansing, Mich. Educational Course in Music.
 Mankato, Minn. Williams & Rogers Bookkeeping.
 Hartford, Conn. Taylor's First Reader and The Arithmetic Primer.



Watervliet, N. Y. The law decreeing that school boards purchase their furniture and supplies from the state prisons unless it can be shown by a certificate from the state superintendent of prisons that the goods wanted cannot be made in the prison shops was deliberately violated by the local school board. It did not want to buy prison-made school desks and placed an order for 100 desks with a school desk manufacturing concern.

Ellicott, Md. The Howard county board established a manual training school. Contract for furnishing apparatus for the new school was awarded to the J. W. C. Delany Company, of Baltimore.

Choteau, Mont. Contract for school furniture let to the Diamond Publishing Company, of Minneapolis, Minn.

Lenox, Mass. A Smith Premier typewriter has been placed in the public school.

Watervliet, N. Y. The board accepted the bid of Cornelius Fogarty for the Buffalo desk for the high school building.

Rutland, Vt. The board entered into a contract with the Vermont School Supply Company for this year's supplies.

Pekin, Ill. A supply of slate black board purchased from the Illinois Refrigerator Company.

Buffalo, N. Y. Randolph McNutt captured the school furniture supplies contract.

Lincoln, Ill. The American School Furniture Company furnished the needed supplies for the schools.

Chicago, Ill. Supt. W. Lester Bodine of the compulsory education department wants the sterilization of all pencils and pens used in the schools.

Washington, Mo. A Remington typewriter has been added to the equipment of the high school.

Utica, N. Y. A supply of book covers were bought from the Holden Patent Book Cover Co.

Marquette, Mich. A Smith Premier typewriter has been placed in the high school.

Westplains, Mo. Experiments with the Remington typewriter in the high school have proved so satisfactory, that the equipment has been increased to seven machines.

La Porte, Ind. The high school now boasts of an equipment of two Remington typewriters.

Columbus, Wis. The high school authorities have purchased a No. 6 Remington typewriter.

Jefferson City, Mo. The state superintendent, W. T. Carrington, has information from northeast Missouri of another imposition on school districts. This time it is in the shape of an "educational supply company" selling a chart known as the language lesson series. It sells for \$37.50, and Mr. Carrington says that county treasurers and bankers should not honor warrants issued for such purposes. The state superintendent has asked all school boards to take warning. A newspaper, commenting on the continual swindling and deception worked on school boards, says: "After the school boards and the school teachers get through educating the children, somebody ought to educate the school boards and the teachers. It keeps Supt. Carrington and the newspapers busy calling attention to the swindles perpetrated on boards and teachers by the so-called educational supply companies."

Kilbourn City, Wis. L. A. Murray & Co., dealers in desks, chairs, maps, globes, charts, blackboards, bells,

flags, registers, dictionaries, mimeographs, blanks and blank books, in fact, everything for school officers, schools and teachers, solicits correspondence. The volume of business which he handles attests to the excellence of the goods which he has to sell.

Houghton, Mich. Two Smith Premier typewriters have been added to the equipment of the high school.

San Antonio, Tex. Contract for desks awarded to the Grand Rapids School Furniture Company works. These desks are to be placed in the new school which is nearing completion.

Dayton, O. Typewriter supplies procured from Wyckoff, Seamans & Benedict.

Sheboygan, Wis. The School Commissioners have purchased two No. 6 Remington typewriters for the high school.

Detroit, Mich. Supt. Martindale favors that the board purchase writing books, drawing books, papers, pads, lead and slate pencils in large quantities and sell them to the pupils at cost.

West Chester, Pa. A Remington typewriter purchased from Wyckoff, Seamans & Benedict; kindergarten material from Milton Bradley Co.; paper from Acme Stationery & Paper Company; general supplies from McConnell School Supply Company and J. L. Hammett & Co., and book covers from the Holden Patent Book Cover Co.

Grand Rapids, Mich. Kindergarten material bought from Thos. Charles Co., and general supplies from the School & Office Supply Company.

Wausau, Wis. A No. 7 Remington typewriter has been placed in the high school here.

Oswego, N. Y. The contract for laboratory apparatus for the high school was awarded to the Ziegler Electric Company, of Boston.

Watervliet, N. Y. The purchase by the board of school desks from a private concern, without first making requisition on the state prison department, as provided by law, has made the individual members liable for the payment of the bill.

Ellsworth, Kan. A Smith Premier typewriter purchased for the high school.

Bellevue, O. The new school building has been fitted up with the Buffalo adjustable window shade fixtures, manufactured by the Buffalo Fixture Co.

Haverhill, Mass. The board has bought a Smith Premier typewriter.

School desks provided for the use of the pupils fifty years ago were of severely primitive character. To add to their unsightliness it seemed to be an unwritten law that when a pupil was assigned to a seat his first duty was to cut the initials of his name in large letters upon the top of the desk.

Shelbyville, Mo. The commercial department of the high school has placed another Remington typewriter in service; this makes an equipment of three in use.

Hartford, Ct. St. Joseph's Seminary has purchased two Remington typewriters.

Pupils of the present day, with their well-made convenient desks and seats with comfortable backs, cannot conceive of the discomfort and inconvenience endured by their grandfathers and grandmothers.

Hanford, Cal. A Smith Premier typewriter has been placed in the grammar school for educational purposes.

The McIntosh Stereopticon Company, of Chicago, informs us that schools generally seem to be manifesting a greater interest in projection apparatus than ever before.

EAGLE DRAFTING PENCILS.

ROUND AND HEXAGON.



A Superior Pencil, containing an extra large and an extra soft lead of deep black color, and is especially adapted for FREE HAND DRAWING, DRAFTING, SKETCHING, etc., in Schools and also equally desirable for general use.

No. 314, ROUND. No. 514, HEXAGON. PACKED 1 DOZEN IN A BOX.

EAGLE NEROGGRAPH PENCILS, No. 251 Round.



By skillful preparation, through an entire and original process the lead in the NEROGGRAPH produces an extreme black mark not obtained by any other pencil.

EAGLE PENCIL CO., 377-379 Broadway, NEW YORK.

Albany, N. Y. State Health Commissioner Daniel Lewis has sent out a notice to boards of education in regard to the matter of giving proper attention to the vision of school children. Commissioner Lewis announces that the school authorities can secure, by application to the department of health, a schedule of instructions for teachers to test the eyes of pupils with a Snellin test card. By this means "the eyes of all pupils, or at least the backward ones, can readily be tested, as to their sight," and blank forms will also be furnished for report and record thereof.

It is the desire of the state health authorities that a general effort be made in the public schools to obtain information regarding "the normality or deviation therefrom of the eyesight of school children both for their educational and their hygienic well-being."

(Continued on Next Page.)

Its True Character.

CATARRH IS NOT A LOCAL DISEASE.

Although physicians have known for years that catarrh was not a local disease but a constitutional or blood disorder, yet the mass of the people still continue to believe it is simply a local trouble and try to cure it with purely local remedies, like powders, snuffs, ointments and inhalers.

These local remedies, if they accomplish anything at all, simply give a very temporary relief and it is doubtful if a permanent cure of catarrh has been accomplished by local sprays, washes and inhalers. This may clear the mucous membrane from the excessive secretion but it returns in a few hours as bad as ever, and the result can hardly be otherwise because the blood is loaded with catarrhal poison and it requires no argument to convince anyone that local washes and sprays have absolutely no effect on the blood.

Dr. Ainsworth says: "I have long since discontinued the use of sprays and washes for catarrh of head and throat, because they simply relieve and do not cure."

"For some time past I have used only one treatment for all forms of catarrh and the results have been uniformly good. The remedy I use and recommend is Stuart's Catarrh Tablets, a pleasant and harmless preparation sold by druggists at 50c., but my experience has proven one package of Stuart's Catarrh Tablets to be worth a dozen local treatments."

The Tablets are composed of Hydrastin, Sanguinaria, Red Gum, Guaiacol and other safe antiseptics and any catarrh sufferer can use them with full assurance that they contain no poisonous opiates and that they are the most reasonable and successful treatment for radical cure of catarrh at present known to the profession."

Stuart's Catarrh Tablets are large, pleasant tasting 20-grain lozenges, to be dissolved in the mouth and reach the delicate membranes of throat and trachea, and immediately relieve any irritation, while their final action on the blood removes the catarrhal poison from the whole system. All druggists sell them at 50c. for complete treatment.



NO MORE SCHOOL ROOM DUST.

BY THE USE OF THE WORLD'S ONLY SANITARY FLOOR BRUSH you avoid the annoyance of dust and the danger of contagion. It sweeps cleaner than other brushes, brightens and improves the floor and refines the atmosphere.

Dust is the Breeding Place of Disease.

And when you use the World's Only it not only destroys the deadly germs, but you minimize the work and eliminate the dust problem entirely. Send for descriptive circular. Order from school supply houses.

MILWAUKEE DUSTLESS BRUSH CO., 124 Sycamore St., Milwaukee, Wis.

Denver, Colo. Three Smith Premier typewriters have been purchased by the North Denver High school for instruction purposes.

Scranton, Pa. The school board uses Dixon Pencils entirely in the public schools.

Beloit, Wis. A Smith Premier typewriter has been placed in the high school.

Superior, Wis. Mr. W. L. Holden, representative of the American School Furniture Company, of Chicago, secured for his company the contract to equip the Nelson Dewey building with seats and desks.

Sparta, Wis. Four Smith Premier typewriters have been purchased for the typewriting class in the high school.

Columbia, Ga. Peckham, Little & Co. secured contract for furnishing entire list of school supplies.

The business of the Holden Patent Book Cover Company has grown every year since 1892 and today is seven times as large as it was then. The company reports a larger increase in business than it had in any one year since 1894. This speaks well for the economy of book covers.

Berlin, Wis. Contract for blackboards awarded to Atkinson & Mentzer.

San Jose, Cal. Under the new rules janitors in every case shall be under the immediate direction of the principals, and the principals shall, in addition to the rules laid down by the board, order janitors to do such other work as they may deem necessary for the good of the schools. They shall also order all teachers not to allow scraps or papers to lay on the floors or desks, and any pupil spilling or splashing ink shall be made to clean the same.

Milwaukee, Wis. Downer College has introduced instruction on the Remington typewriter.

The dustless floor brush, manufactured by the Milwaukee Dustless Brush Co., of Milwaukee, Wis., is made of fibre and Russia bristle. Every brush is provided with a small oil receptacle which keeps the fibre moist and rolls the dust into the balls. The oil at the same time acts as disinfectant. School janitors pronounce them a decided improvement over the broom, both in the economy of labor and cost.

Fall River, Mass. This city has just placed an order for Dixon Pencils—they use some 350 gross.

Rand, McNally & Company, of Chicago and New York, have done a distinct service in adding to their Columbia Series of Maps a thoroughly down-to-date map of Germany. For some reason it has been almost impossible to obtain a satisfactory wall map of the German Empire. This new map, however, meets every requirement.

The maps in the Columbia Series are prepared expressly for public school use; to anyone, however, who is interested in the study of the Geography or History of Germany, this map will be invaluable. It is mounted on heavy cloth, 66x46 inches in size, with moulding at the top and bottom ready to hang on the wall.

The physical features of the country are well brought out, the mountains, rivers, lakes, and waterways being correctly shown. The Emperor William Canal, which was but lately opened with a naval demonstration at Kiel, indicates that the map contains the latest information obtainable. A feature that will be appreciated by those interested in the history of the country is the location of important battlefields by means of crossed swords and the giving of the dates of the battles.

The imprint of Messrs. Rand, McNally & Company is a sufficient guarantee of the importance and accuracy of the information given on the map. Price, \$6.

Slate blackboards furnished to the board of education, South Newark, by J. M. Olcott & Co.

St. Louis, Mo. Three Remington typewriters have been placed in service in the Women's Training School.

J. M. Olcott & Co. have contracted for apparatus and general school supplies for Institute for Deaf Mutes, Jacksonville, Ill.

Full line of general school supplies for Genoa, Ill., furnished by J. M. Olcott & Co.

Physical apparatus furnished Charlestown, Ind., schools by J. M. Olcott & Co.

High school at Holland, Mich., has ordered physical apparatus from J. M. Olcott & Co.

Slate blackboards and general school supplies furnished Rockland, Mich., by J. M. Olcott & Co.

Independence, Mo. Two Remington typewriters have been purchased for the public school at this place.

Springfield, Mass. This city has placed an order for the Dixon Metropolitan Pencils, to be used in the public schools.

St. Joseph, Mo. An equipment of three Remington typewriters has been placed in the public schools.

Providence, R. I. The Dixon Drawing Pencils have recently been adopted by the board of education in preference to any other.

Physical apparatus furnished to Fairfax, Minn., by J. South Belvidere, Ill. A No. 6 Remington typewriter has been purchased for the use of the high school here.

San Francisco, Cal. The Y. M. C. A. has introduced an equipment of six No. 6 Remington typewriters for its classes.

M. Olcott & Co. J. M. Olcott & Co. are furnishing physical apparatus to Gas City, Ind.

The McIntosh Stereopticon Co., of Chicago, recently furnished the University of Missouri, at Columbia, Mo., one of their hand feed arc projection lamp outfits.

Mansfield, Mass. The high school is introducing commercial education, and a No. 6 Remington typewriter has been purchased for the typewriting department.

Hermann Mayer, the school supply man of Detroit, is the manufacturer of the Lorenzen Arithmetical Device, an aid to teaching primary arithmetic.

Peckham, Little & Co., 63 East Eighth street, New York City, manufacture the Rapid Blackboard Liner. They will send samples postpaid for 20 cents.

Marquette, Mich. The high school has purchased a Remington typewriter.

"Modern American School Buildings" is the title of a work published by John Wiley & Sons, New York City. It contains 89 illustrations, 411 pages and sells at \$4.00.

The high school at Washington, Ia., has just purchased a fine piece of projection apparatus with all desirable accessories from the McIntosh Stereopticon Co., of Chicago.

Putnam, Ct. The School Board has purchased a Remington typewriter.

The Hanstein Skeleton models can be obtained from the Randolph Jones Manufacturing Co., 241 Wabash avenue, Chicago.

The L. E. Knott Apparatus Co., Boston, begins the fall season with a most complete stock of projection apparatus for educational work.

Hammond, Ind. The Board of Education of this place has purchased two No. 6 Remington typewriters for the high school.

The Holden system for preserving books has been adopted by over 1,300 school boards.

The nearest catalogue on manual training supplies, which we have ever seen, has been issued by Hammacher, Schlemmer & Company, 209 Bowery, New York. The catalogue is entitled "Tool Outfits for Home Use." The illustrations are in colors, showing a series of complete sets of tools. These are followed by a list of tools, with prices, for the various sets.

Slate for new school building at Erie, Pa., is contracted for by J. M. Olcott & Co.

Youngstown, O. Paper, pens, ink, slates and pencils, drawing material, etc., is supplied the pupils free.

Hudson, N. Y. A Smith Premier typewriter has been purchased for the schools.

J. M. Olcott & Co. have the contract for furnishing slate blackboards to Poughkeepsie, N. Y.

Harrisburg, Pa. This city has recently adopted the Dixon Pencils for use in their school work.

Elkhart, Ind. Two Remington typewriters have been purchased for the high school of this place.

Passaic, N. J. Peckham, Little & Co. secured contract Some of the benches were constructed out of heavy boards, while others were made from the first cut of a saw log, with the flat side up. Two augur holes were bored at each end of the slab, into which stout sticks were driven for legs.

Milwaukee, Wis. The board has ordered purchased 3 dozen 14-inch dustless floor brushes, 2 dozen 16-inch dustless floor brushes and 1 dozen 24-inch dustless floor brushes from the Milwaukee Dustless Brush Co. These



E. FABER.

LEAD PENCILS,
PENHOLDERS,
RUBBER ERASERS,
Etc., Etc.

FOR SCHOOL USE.

brushes sweep clean, rapidly and thoroughly. Dust cannot rise and microbes cannot live where they sweep. They are claimed to be sanitary and that the use of them will prove economical.

Nogales, Ariz. The board has made a purchase of three New Century No. 6 typewriters.

Chicago, Ill. The Johnson system of heat regulation has been installed in several of the new school buildings.

Ripon, Wis. Blackboards bought from the Slatington-Bangor Slate Syndicate.

Owatonna, Minn. A supply of ink wells procured from the National School Supply Co.

Cretin High School. Four Smith Premier typewriters have been purchased for educational purposes.

Jersey City, N. J. Contract for furniture for the five new rooms in No. 19 school was awarded to the American School Furniture Company.

Worcester, Mass. The school board has purchased four Smith Premier typewriters for use in the high school.

Davenport, Ia. A large supply of school desks bought from the American School Furniture Company.

Menominee, Mich. Pens purchased from the Esterbrook Steel Pen Co. and pencils from the Joseph Dixon Crucible Co.

Dangerous To Life.

SURGICAL OPERATIONS FOR PILES DANGEROUS AND UNNECESSARY.

The failure of ointments, salves and pills to permanently cure piles has led many to believe the only cure to be a surgical operation.

But surgical operations are dangerous to life and moreover, are often unsuccessful and at this time are no longer used by the best physicians nor recommended by them.

The safest and surest way to cure any case of piles, whether itching, bleeding or protruding, is to use the Pyramid Pile Cure, composed of vegetable oils and acids, healing and soothing to the inflamed parts, and containing no opium or other narcotic.

Dr. Williams, a prominent official surgeon, says: "It is the duty of every surgeon to avoid an operation if possible to cure in any other way, and after many trials with the Pyramid Pile Cure I unhesitatingly recommend it in preference to an operation."

The harmless acids and oils contained in it cause the blood vessels to contract to a natural condition and the tumors are absorbed and the cure is made without pain, inconvenience or detention from business.

In bleeding and itching piles the Pyramid is equally valuable."

In some cases a single package of Pyramid has cured long standing cases; being in suppository form it is always ready for use, can be carried in the pocket when traveling; it is applied at night and does not interfere with the daily occupation.

The Pyramid Pile Cure is not only the safest and surest remedy for piles, but it is the best known and most popular from Maine to California. Every physician and druggist knows it and what it will do.

The Pyramid Pile Cure can be found at all drug stores at 50c full sized treatment.

A little book on cause and cure of piles mailed free, by addressing the Pyramid Drug Co., Marshall, Mich.

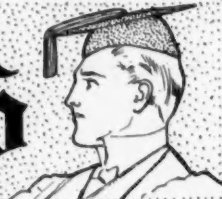
Roll 'Em Off The Roller



Simpler, Quicker, and Neater than Stencil Machines or Gelatine Plates.

THE CYLINDER DUPLICATOR CO.,

606 Central Avenue, ALBANY, NEW YORK.



Stone's
Dolbear's
Hastings & Beach's
Chute's Lab. Man.....	Hea
" Physics
Whiting's Physical	
Measurement
Bailey's Ele. Physics....	..

School Board Journal

Sharpless & Phillips Lippincott	Progressive	Butler	Graves & Hawes' Beg.	Sibley	Metcalf & Bright's	American Ills. First Reader and	Worman's Readers	America
Hopkins' Prep.	Longmans		Woodruff's Prose Comp.		Metcalfs	Grammar	Pitman's Pract. Spanish	
Watson's Practical			Ritchie's	Longmans	Powell & Connolly's	St. Clair's Caesar	Twentieth Century Series	Appleton
Wright's			Arnold's Prose Comp.		Irish's Orthog. & Orthoepey	Students' Series	DeTornos	
Glazebrook & Shaw's			Jones' Prose Comp.	Scott	Irish's Gram. & Anal. by	Classics (58 books)	Knapp's Grammar	Ginn
Practical					Diagram	Intercollegiate Series	Int. Mod. Language	
Watson's Advanced					Sheldon's Prim. Lan-	Bellum Helveticum	Cyr's Libro Primer	
Balfour-Stewart's	Macmillan				guage Lessons	Jones' Lessons	" Libro Segundo	
Nichols'					Patterson's Ele. of Gram.	" Prose	Tarbell's Lessons	
Shaw's	Maynard				& Comp	Riggs' in Latinum	Frye's Geografia Ele.	
Smith's Experiments	Morse				Sheldon's Advanced	Glidersleeve-Lodge Series	Grammar	Pitman
Thwing's Elementary	Sanborn				Powell's How to Talk	University	Knofach's Span. Simp.	
Britton's	Scribner				" How to Write		Edgren's Grammar	Heath
Grant's					" How to See		Matske's Reader	
Dana's					Whitney & Lockwood		Fuller's Primer	
Mills'					Tarbell's Lessons		Harra's Method	
Storer's					Knox-Heath's Ele.			
Thompson's					Lockwood's Lessons			
Grifford's Elements	Thompson				Arnold & Kittredge			
Adams' Lab. Man.	Werner				Hyde's Eng. Lessons			
					" Eng. Gram.			
					Melkilejohn's Eng. Gr.			
					Allen's School Gram.			
					Lewis' Rhetoric			
					Allen's Sch. Gram.			
					Patrick's Lang. Less. Lippincott			
					" Gram. Less.			
					Longman's			
					Carpenter's Gram.			
					Davenport & Emerson's			
					Grammar			
					Intro. Lang. Work			
					Reed & Kellogg's			
					Reed's Introductory			
					Kellogg & Reed's Word			
					" Building			
					Pitman's French			
					Essentials of Eng. Gram. Potter			
					Supplementary Lessons			
					" In English			
					Atwood's Language			
					Tablets			
					Analysis and Parsing			
					Spalding & Moore's Lan-			
					guage Speller			
					Southworth & Goddard			
					Welsh's			
					Dunton & Kelley's			
					DeGarmo Lang. Ser.			
					Beam & DeGarmo's Gram.			
					Woodward Series			
					Harkness' Series			
					Coy's Latin Lessons			
					Dodge & Tuttle's Comp.			
					Hamer's Easy Steps			
					Lane's Grammar			
					Mooney's Grammar			
					Smiley & Storke's Beg.			
					Harper & Gallup's Cicero			
					Harper & Miller's Virgil			
					Harper & Tolman's Caesar			
					Twentieth Century Series			
					McCabe Series			
					Bingham Series			
					Cranch's Aeneid Trans.			
					Allen & Greenough			
					Collar's Series			
					Moulton's Composition			
					College Series of			
					Greenough, D'Oge & Daniels'			
					Second Year			
					Ritchie's First Steps Longmans			
					" Latin Prose Comp			
					" Easy Continuous			
					" Latin Prose			
					Morris' Ele. Latins			

Maddock is a wag. He began by playing a joke on the straight-laced editor of this journal. In this sacrilegious work Maddock was eminently successful. The said editor was for a long time after the target for considerable "guying"—and if Maddock is ever caught napping, it will go hard with him. We've got it in for him. But who is Maddock? He traveled for some years for the G. & C. Merriam company, in the interest of the International Web-

ster Dictionary. For the past two years Mr. Maddock has represented Silver, Burdett & Co., in the northwest. He is an energetic man, with an earnest desire to promote the interests of his house. He is successful—but credits his success to his firm's books rather than to his own efforts. He enjoys himself as he goes along—even at the expense of an editor—if necessary to get a little fun.

Fond du Lac, Wis. In a report by the majority members of the committee on text books it was stated that

changes in books should not be made until the teachers are agreed in recommending a change, and then only when a majority of them are agreed upon the selection of a particular book. The report was voted to be laid on the table.

Lynn, Mass. A large number of copies of the Natural Music Primer purchased from the American Book Company.

Reading, Pa. This city has just adopted the Dixon Pencils throughout their city. They have for a number of years used those of other makers, but have settled on the Dixon Pencils this year.

Oil City, Pa. Dixon Metropolitan Pencils will continue to be used in this city same as in the past.

CONSENSUS OF OPINION,

Interest of the Taxpayers, and Health of the Children

All Demand that Free Text-Books be covered with an adjustable, durable book cover, and that every book before being transferred to the next class should have on a fresh, clean cover, permitting scholars to have books in a practically new condition and clean.

The text books are made to last from 40 per cent. to 60 per cent. longer than usual, resulting in the saving of many dollars annually.

THE HOLDEN BOOK COVERS AND QUICK REPAIRING MATERIAL

provide for the systematic care of the books, both INSIDE AND OUTSIDE.

Every School Official is interested in the results attained by the "Holden System for Preserving Books" and should write for further information and samples.

Samples Free.

HOLDEN PATENT BOOK COVER CO., P. O. Box 643, Springfield, Mass.



A Wholesome Tonic

Horsford's Acid Phosphate

Taken when you are tired and completely worn out, can't sleep and have no appetite, it imparts new life and vigor to both brain and body by supplying the needed tonic and nerve food.

**A Tonic for Debilitated
Men and Women.**

Genuine bears name "HORSFORD'S" on label.

Neglected Education.

Uncle (severely)—When I was your age I always stood at the head of my class!

Sam—What a chump you must have been at football!

"You say our son is a professional man."

"Yes."

"But you always said that he follows football."

"Do you mean he's a professional player?"

"Not at all. He's a surgeon."

Teacher—"I wouldn't cry like that, my little man."

Small Boy—Well, you can cry any way you want to; this is my way."



Business Sagacity.

"It is very generous of Mr. Black to allow the football teams to play on his grounds."

"Oh! he's a director."

"Of which team?"

"Neither; funeral director."

"Hören Sie einmal, Herr Professor," sagte in einer Gesellschaft ein an Körper sehr großer und starker, an Geist aber sehr schwacher Rittergutsbesitzer, der noch dazu die Manier hatte, andere flügere Leute zum Besten halten zu wollen, wenn zwei Hefel zwanzig Pfund wiegen, wie viel wiegt dann ein ausgewachsenes Schwein?"

"Steigen Sie auf die Waage," entgegnete der Professor, "und ich will es Ihnen sogleich sagen."

Many A Time.

She—"Why do they call a football field a gridiron?"

He—"Because many of the players are knocked flat as a pancake, I suppose."

German Student—"I know dese scars my face can look not pretty, but I proud of them, am. I get them in duels." American Student—"Huh! Wait till you see some of our football champions."



Professor's Wife—It's time we thought of Grace getting married—she is already twenty-two years old.

Professor—Oh, let her wait till the right sort of a man comes along.

Wife—Why wait? I didn't!

"After the Ball is Over"

"What becomes of all the money these college football teams make?"

"Well, part of it goes to pay for hair cutting after the season is over."

A Good Reason.

Yarvard—"Why do football players always wear their hair long?"

Hale—So that people will not take them for pugilists."

Different Views.

She (at football game, as player is carried off field)—Isn't it perfectly awful?

He—I should say it is! Why that fellow is no more unconscious than I am; he's playing to the gallery.

"Who is that whistling?" asked the teacher, looking over the assemblage of juveniles.

"Me," promptly replied a new pupil. "Didn't you know I could whistle?"

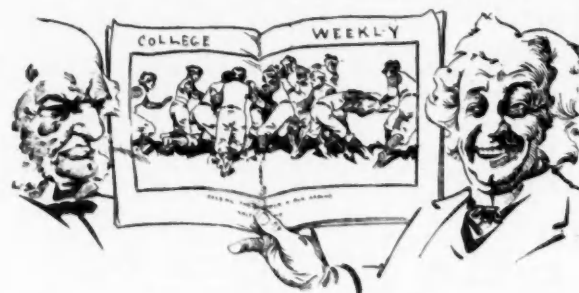
"Yes, Mr. Bonner wanted to send her daughter to Bryn Mawr, but she decided on Vassar." "What influenced her discussion?" She couldn't pronounce Bryn Mawr."

The Dixon Co. have just issued a series of folding maps of the following countries: United States, West Indies, Porto Rico, Philippines, China and South Africa. These contain much useful information besides the map and are intended for school use by both teacher and pupil. Samples will be sent on receipt of six cents in stamps for each map.

JOSEPH DIXON CRUCIBLE CO.,

Jersey City, N. J.

Mention this journal to ensure a prompt reply.



Professor—Football is good practice!

Doctor—Excellent for my practice.

"Do you think the three R's are all a man needs in this life?" asked Plodding Pete.

"What's de three R's?" asked Meandering Mike.

"Why, redin', writin, an' 'rithmetic."

"No; dey don't count. What a man wants to look out for is de three B's—bed, board an' booze."



Was Careless.

Miss Taken—I thought you said football wasn't brutal! Why, that player has just had his leg broken!

Right Tackle—I know; but he was careless.

BENJ. H. SANBORN & CO.,

Publishers of Secondary School and College Text-Books.

BOSTON.

CHICAGO.

LONDON.

SOON TO BE
PUBLISHED!

MODERN CHEMISTRY

By FREDUS N. PETERS, A. M.

Instructor in Chemistry in Central High School, Kansas City, Mo.

MAYNARD, MERRILL & CO., Publishers.

NEW YORK.

BOSTON.

CHICAGO.

School Boards in Convention.

SIXTH ANNUAL MEETING OF THE NEW YORK ASSOCIATION OF SCHOOL BOARDS.

To be held October 23, and 24, 1901, Auburn, New York.

Openig Session, Wednesday, October 23, at 3:30 P. M. Headquarters of Association:

PROGRAM.

Wednesday, October 23d, 1901. Afternoon session, 3:30 o'clock.

Paper: "The Ideal Teacher," Dr. H. Ernest Schmid, White Plains.

Discussion.

Paper: "The Remedy for Tardiness," Miss Ferris, of the Auburn public schools.

Discussion.

Business: Appointment of committees.

Evening session, 8 o'clock.

Joint meeting with Council of Superintendents.

Subject: "The School Board and the Superintendent: What Each Owes to the Other." To be opened by a superintendent and a school board member.

Subject: "Business Education." E. L. Stevens, Borough Superintendent Queens, New York City, a school board member.

Discussion.

Thursday, October 24th, 1901.

Morning session, 9:30 o'clock.

Paper: "The Duty of the State to Provide Pensions for Teachers." Frank W. Richardson, Auburn.

Discussion.

Paper: "The Development of the School Boy; what can we do for him in the summer vacation?" Benj. Hammond, Fishkill.

Discussion.

Afternoon session, 2:30 o'clock.

Paper: "How to Get High School Pupils to Use the School Library, instead of the Light Literature in the Public Libraries." Mrs. Helen M. Greenhow, Hornellsville.

Discussion.

Paper: "Junior Republic Methods in School Government." Thomas M. Osborne, Auburn.

Business: Reports of committees, election of officers, selection of place for the annual meeting.

SUPPLEMENTAL SUBJECTS FOR DISCUSSION.

To be selected in addition to, or in place of, those on the program.

"Evening Schools."

"School Savings Banks."

"Should School Board Members be Elected or Appointed?"

"Free Lectures."

"A State Scale of Salaries for Teachers."

OFFICERS.

President, Albert T. Schauffler, New Rochelle; Vice-presidents, Judge Geo. B. Turner, Auburn; Mrs. Helen M. Greenhow, Hornellsville; M. S. Sanford, Geneva; Benj. Hammond, Fishkill; Thos. H. Bennett, Canandaigua; treasurer, John Garvey, Frankfort; Recording Secretary, F. M. Gaffney, Syracuse.

EXECUTIVE COMMITTEE.

Dr. H. Ernest Schmid, White Plains; Dr. Myron D. Jewell, Richfield Springs; W. L. Choate, Brookview; T. E. Lyford, Waverly; A. H. Crown, Tonawanda.

LEGISLATIVE COMMITTEE.

J. E. Brandegge, Utica; W. A. Choate, Brookview; Jos. Beal, Oneida; Geo. Fenton, Broadalbin; Jos. E. Wood, Mount Vernon.

SPECIAL COMMITTEE ON HIGH SCHOOLS AND COLLEGE ENTRANCE.

A. T. Schauffler, New Rochelle; Jos. S. Wood, Mount Vernon; E. C. Aiken, Auburn; David Millar, Lockport.

TRANSPORTATION ARRANGEMENTS.

In order to secure the reduced rate of fare, all members are required to procure, at the place of starting, a Trunk Line Certificate, showing the route and amount of fare paid in going to Auburn. The railroads will issue to holders of Trunk Line Certificates, who are certified by the

proper officers of the Superintendents' Council or the School Board Association, as being members thereof, return tickets at one-third the regular fare. Do not forget to obtain a Trunk Line certificate, for you cannot get reduced fare without it. Your certificate also may be needed to make up the hundred, without which number the reduced fare is not granted by the railroad.

If the ticket agent of your station is not supplied with certificates and through tickets to Auburn, he can inform you of the nearest station where they can be obtained. In such case you should buy a local ticket to that station and there purchase through ticket, and get with it a certificate as described above.

The Trunk Lines' agent will be at Auburn to vise and sign certificates on Thursday only. Therefore hand your certificate to the Secretary upon your arrival.

Owing to the change of date of the meeting of the New York State Council of Superintendents from October 16, to October 23, 1901, it has become necessary to change the date of the meeting of the New York State Association of School Boards. The meeting of this association will therefore be held at Auburn, N. Y., on Wednesday and Thursday, the 23d and 24th of October.

It is hardly necessary at the time of this, the sixth annual meeting of this association, to call the attention of school boards to its interest and value. It is earnestly hoped that every school board in the state will be represented at this meeting, and that the members will be ready to take part in the discussions.

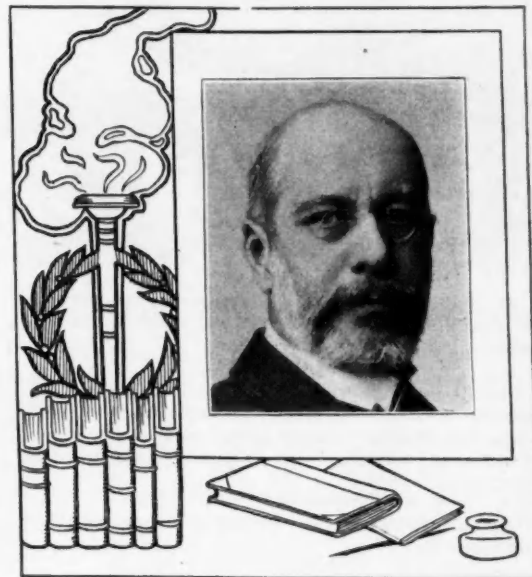
The number of delegates from each school board is not limited, and the membership fee of \$3.00 entitles the school board to all the privileges and publications of the association, irrespective of the number of delegates in actual attendance.

President Schauffler announces that very complete arrangements have been effected at Auburn for the accommodation of all members of the association who may be able to attend the meeting.

The vacancy, caused by the retirement of Dr. F. L. Sevenoak as manager of the educational department of The Macmillan Company of New York, has, according to latest advice, not been filled. It appears that Mr. Frank A. Fitzpatrick of Boston, was under consideration for the position but no understanding was reached. Mr. Fitzpatrick is the New England manager for the American Book Company. Within the



DR. F. L. SEVENOAK,
Late with the Macmillan Company, New York.



DR. A. T. SCHAUFFLER,
NEW ROCHELLE, N. Y.

President New York State Association of School Boards.

past month it was reported that Mr. Truman H. Kimpton has been considered but this could not be verified. Mr. Kimpton represents D. C. Heath & Company in the South but makes his headquarters in Boston.

Lucien V. La Taste, of Montgomery, Ala., who represents the University Publishing company in the south, wafted unexpectedly into our office last month. He had come north, he said, to cool off and incidentally to attend the convention of Elks. He looked over our stock of canary birds and teased the office cat—and vanished again.

Superintendent T. A. Mott, of Richmond, Ind.: "The two session plan gives chance for more study hours in the school building. More than half of the students have poor surroundings at home for study. A quiet study room at school is better than a noisy or crowded home."

LIKE OPIUM EATERS.

COFFEE DRINKERS BECOME SLAVES.

"The experience, suffering, and slavery of some coffee drinkers would be almost as interesting as the famous 'Confessions of the Opium Eater,'" says a Boston man, W. J. Tuson, 131 W. Newton street. "For twenty years I used coffee at the breakfast table and, incidentally, through the day, I craved it as a whiskey drinker longs for his morning bracer. I knew perfectly well that it was slowly killing me, but I could not relinquish it.

"The effect on the nervous system was finally alarming, and my general health greatly impaired. I had dyspepsia, serious heart difficulty, and insomnia. When I would lie down, I would almost suffocate. My doctor assured me it was due to the action of caffeine (which is the active principle of coffee) on the heart.

"I persisted in its use, however, and suffered along just as drunkards do. One day when I was feeling unusually depressed, a friend whom I met, looked me over and said: 'Now, look here, old man, I believe I know exactly what's the matter with you. You are a coffee fiend and it's killing you. I want to tell you my experience. I drank coffee and it ruined my nerves, affected my heart, and made me a sallow, bilious old man, but through a friend who had been similarly affected, I found a blessed relief and want to tell you about it. Try Postum Food Coffee, a grateful, delicious beverage, full of nourishment, that will satisfy your taste for coffee and feed your nervous system back into health rather than tear it down as coffee has been doing.'



ARIZONA.

Ft. Defiance—New school, 50x75 ft., with wings on each side, 35x85 ft.

ARKANSAS.

Ft. Smith—Architect A. Klingensmith has plans for St. Anne's Academy, 60x10 ft., 2 stories, attic and basement.

CALIFORNIA.

San Bernardino—Two schools are to be built. Los Angeles—New 12-room school. El Modena—New 2-story school according to plans or Architect C. B. Bradshaw, Orange, Cal. Sanger—Work on new grammar school is being rapidly pushed.

COLORADO.

Colorado Springs—The erection of a new school is contemplated.

CONNECTICUT.

Hartford—An expenditure of \$65,000 is to be made on an addition to the Westerfield avenue school. Thompsonville—Contract to build addition to the Enfield high school awarded. New Haven—Contract to erect new high school has been let, Brown & Van Beren, architects. Bristol—New 8-room parochial school according to plans of Architect Jos. A. Jackson, 257 Broadway, New York City.

FLORIDA.

Lake City—Three new buildings are to be erected by the Florida State Agricultural College.

GEORGIA.

Macon—Architect Alexander Blair has prepared plans for a 10-room school for Trustees Alexander fund, to cost \$20,000.

ILLINOIS.

Berlin—New school according to plans by Geo. H. Helmle, architect, Springfield. Geneva—Contracts awarded for erecting three buildings at the Illinois Training School for Girls, cost approximating \$45,000. Robt. Bruce Watson, state architect, Fisher building, Chicago, drew the plans. Alton—The erection of a new school is contemplated. Chicago—Write W. B. Mundie, architect, 1117 Schiller building, regarding the erection of new school buildings by the City of Oak Park.—New school building to be used as a grammar and high school to be built at Harvey avenue and August street; Architect H. G. Fiddelke, 201 Lake street, drew the plans. Niantic—New school according to plans of Architect S. J. Haynes, Springfield, Ill.

INDIANA.

Bloomington—The Indiana University is erecting a new science hall; Louis H. Gibson, architect, Indianapolis, prepared the plans. South Bend—Contracts to erect the new \$20,000 Oliver school awarded. Royaloak—This village voted to bond itself \$8,000 for the erection of a modern 9-room school building.

IOWA.

Newmarket—New \$7,000 school according to plans of Architect W. W. Welch, Clarinda, Ia. Webb—New \$3,000 school. Boone—The new Third ward school is rapidly going up. Rockwell City—Work on new school soon to commence. Hartley—A new \$25,000 school is in course of erection.

KANSAS.

Norton—High school to be erected will cost \$12,000.

KENTUCKY.

Earlington—New \$12,000 school according to plans of Architect Jas. L. Long, Hopkinsville, Ky. Covington—Work on the Fifth District school is progressing rapidly.

MASSACHUSETTS.

Waltham—Contract to erect new \$10,000 high school awarded. Lexington—New \$75,000 high school according to plans of Architects Cooper & Bailey. Greenfield—Work on new \$20,000 school has commenced. Lynn—New school of 12 rooms, to cost \$50,000, is soon to be built; plans by Architect H. K. Wheeler, 59 Exchange street. Worcester—New school according to plans of Barker & Nourse, architects.

MICHIGAN.

Detroit—Architects Malcomson & Higginbotham, 53

Moffat building, have plans for a school, 150x100 ft., 2 stories and basement, to cost \$50,000. Battle Creek—A \$10,000 addition is being built to No. 5 school. Ishpeming—New 8-room school.

MINNESOTA.

Montevideo—Architect Granum has prepared plans for the new high school. Bellechester—New \$7,000 school according to plans of Architect Herman Kretz & Co., St. Paul. Minneapolis—Architect E. S. Stebbins has plans for a building at Sixth and Eighth avenues, S. St. Paul—The board of school inspectors has filed plans with the city officials for a school, on Carroll street, to cost \$60,000. Ormsby—New two-story, 4-room school; foundation work has been begun. Gary—Bonds for \$3,000 voted for a new school house. Comfrey—Bonds have been sold for the erection of a school. Ceylon—The foundation is in and work begun on the superstructure of the new school. Donnelly—The foundation is completed for the new school and work is being pushed on the superstructure. Kenneth—New 2-story school. Thief River Falls—Plans have been accepted for a new \$14,000 school, but construction will not begin until spring.

MISSOURI.

Columbia—Architects Cope & Stewardson, 800 Security building, St. Louis, are preparing plans for a new laboratory for medical sciences for the State University. St. Joseph—Bids have been asked for erecting a school house in Hyde Valley according to plans of E. J. Eckell, architect. St. Louis—Architects Ramsey, Wuest & Varney are drawing plans for a school building 80x80 ft., to cost \$12,000.

MONTANA.

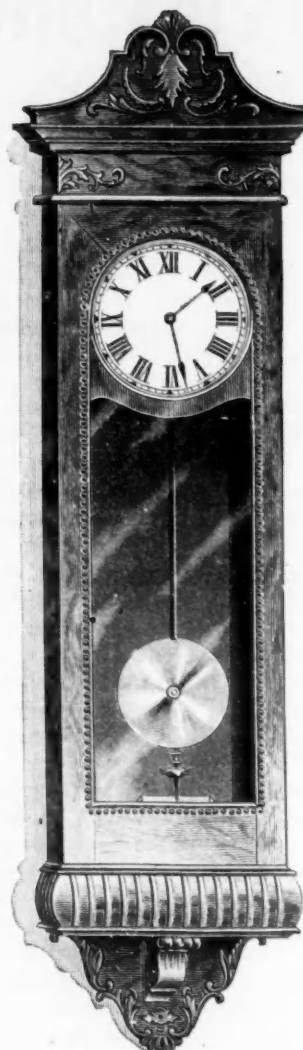
Stevensville—New school, plans of Architect A. J. Gibson, Missouli, Mont., adopted. Butte—A site is being considered for a building to relieve the Lincoln school. A 10-room school will be erected at Walker-ville.

NEW JERSEY.

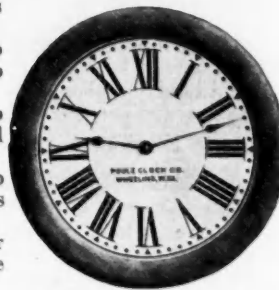
Nutley—New school according to plans of Architect Chas. G. Jones, 280 Broadway, New York City. Irving—Plans for new school adopted.

Uniform Time FOR Schools

A Clock System



1. That requires no winding.
2. That has no springs to break.
3. That is so simple and mechanically perfect as to make repairs unnecessary.
4. That never has to be cleaned.
5. That is the only one in which the electrical contact, being made in a vacuum, is perfect and permanent.
6. That will always run and keep correct time under conditions that would stop an ordinary clock.
7. That has a "take-up device," thus making the cost of the battery maintenance one-third that of any other system.
8. That is the Only Clock System that will keep Uniform Time all the Time.



AN OPEN LETTER.

The following letter carries with it a strong testimonial which will interest all who believe in modern school equipment:

IRWIN AVENUE SCHOOL, ALLEGHENY, PA., May 7, 1901.—Poole Clock Co., Wheeling, W. Va.—GENTLEMEN: I am pleased to say that thirty electric clocks put in our school building more than three years ago are behaving splendidly. The total expense to the school in the maintenance of the system so far has been \$2.10. Very sincerely yours, (Signed) S. C. FARRAR, Principal.

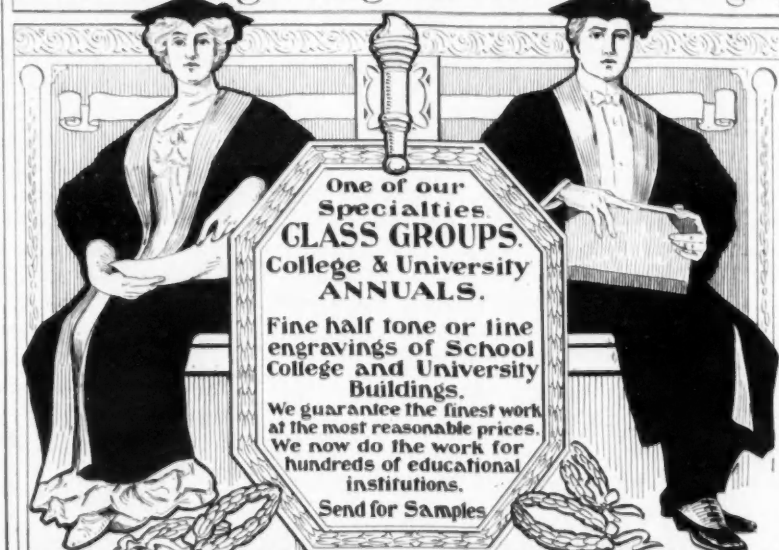
Every Clock Is Warranted !

For further information, estimated cost for equipping your building, etc., write us.

POOLE CLOCK CO.,

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The FLUSHOMETER

(KENNEY SYSTEM.)

THE KENNEY COMPANY, 72-74 Trinity Place, NEW YORK.

For Flushing
Water Closets
in Schools.

The Neatest, Simplest, Most
Effective and Cleanest System
Sanitary and Noiseless.

Write for particulars and list of recent
installations.



NEW YORK

Garden City, L. I.—New \$22,000 school; plans by Architects Hoppin & Koen, 244 Fifth avenue, New York City. Watertown—New high school; write George A. Lance, chairman building committee. Altamont—New 8-room school according to plans of Architect W. D. Wright. Westfield—Contracts for erecting new high school have been awarded. Lawrence—New \$12,000 school according to plans of Architect Morrell Smith, Far Rockaway.

NORTH DAKOTA.

Buffalo—New 4-room school. Dickey—New 2-room school. Bisbee—New 2-story frame school; plans by Omeyer & Thorl, architects, St. Paul, Minn. Westfield—Two new schools are about to be built.

PENNSYLVANIA.

Waynesboro—A 12-room school according to plans of Architect J. W. Woltz. Throop—New 4-room school; plans of Architect Percival J. Morris, 810 Connell building, Scranton, Pa., adopted. Bethlehem—Architects Jacoby, Welshampel & Bigging, Commonwealth building, Allentown, Pa., have finished plans for the new mechanical laboratory for Lehigh University, Bethlehem. Royersford—New school to be erected according to plans of Architects Paul A. & Seymour Davis, Ninth and Walnut street, Philadelphia. Scranton—New 4-room school. Paoli—New school is in course of erection; plans prepared by Architects A. H. Moses, Fourth and Walnut street, Philadelphia. Shepherdstown—New school, cost \$35,000. Homestead—An \$80,000 manual training school is about to be erected. Franklin—New school according to plans of Architects Owsley & Bourcherie, Youngstown, O.

RHODE ISLAND.

Providence—Bids for erecting a new 8-room school have been considered; plans for the same prepared by Architects Angell & Swift, 87 Weybosset street. Valley Falls—New 4-room school according to plans of Architects Wm. R. Walker & Sons, Providence. Warren—New 8-room school, to cost \$30,000, is in course of erection; plans drawn by Architect Albert H. Humes, Pawtucket, R. I.

SOUTH DAKOTA.

Gary—New school according to plans of Architects W. R. Parsons & Son Co., Des Moines, Ia.

TEXAS.

Kaufman—New 8-room school according to plans of Walter E. Taylor, architect, Greenville, Tex.

WISCONSIN.

Drummond—New 4-room school. Plans drawn by Hoepfner & Bartlett, Eau Claire, Wis. Milwaukee—New school in Second ward, to be erected at Seventh and Prairie streets; plans by Architects Buening & Dick, to cost \$55,000. Merrill—Contract to erect new high school let; plans by Van Ryn & De Gelleke, architects, Milwaukee. Weyauwega—Bids to erect new high school have been considered; plans by Architects Van Ryn & De Gelleke, Milwaukee. Hartford—New 40x40 ft. addition to high school; plans by Architects Buening & Dick, Milwaukee. Wausau—The new addition to the West Side school to cost about \$20,000. Arena—New school; contract for its erection awarded. Fountain City—Bonds for \$12,000 were voted for the erection of a school house. Oshkosh—All bids have been rejected for the new high school. Sturgeon Bay—New school is nearing completion; plans by Chandler & Park, architects, Racine, Wis. Tomah—Plans by Van Ryn & De Gelleke, architects, Milwaukee, adopted for new high school; cost \$20,000. Plainfield—Next year an \$8,000 school is to be erected. Kenosha—The board selected plans of Chandler & Park, architects, Racine, for the new \$20,000 school. Wyocena—New school according to plans of Architects A. L. Flegel & Co., Racine, Wis.

Heating and Ventilating.

Detroit, Mich. Mayor Maybury vetoed the action of the board in awarding the contract for heating and ventilating the Palmer school to the Caldwell Furnace & Foundry Co., of Toledo. The mayor's veto was made on the basis of representations on the part of organized labor in Detroit that the Caldwell foundry is a non-union shop.

Poplarbluff, Mo. Lewis & Kitchen, Ninth street and Broadway, Kansas City, Mo., received the contract for heating the new school building.

Sherburne, Minn. Contract for heating apparatus to be installed in school building awarded to the American Warming & Ventilating Company.

Westerly, R. I. Ross & Seabury, of Boston, are to install the heating apparatus in the new \$50,000 high school building in course of erection.

South Bend, Ind. The heating apparatus for the Oliver school will be a steam plant.

Iron Mountain, Mich. New school to be heated by a hot water system. Contract was secured by The W. A. Barnes Heating Co.

Afton, Minn. C. S. Wentworth Co., of Minneapolis, installed the heating and ventilating plant in the new school house. It is a reduced pressure steam apparatus having two 48-inch 12-foot tubular boilers. An engine drives Blackburn Disc ventilating fans to force fresh air into the rooms at the rate of 1,200 cubic feet or more, per occupant, per hour, and which gives a complete change of air every ten minutes. The exhaust air is taken out through brick ducts by openings eight feet above the floors.

Glencoe, Minn. The Moore Heating Co., of Minneapolis, was awarded the contract for heating plant for new school.

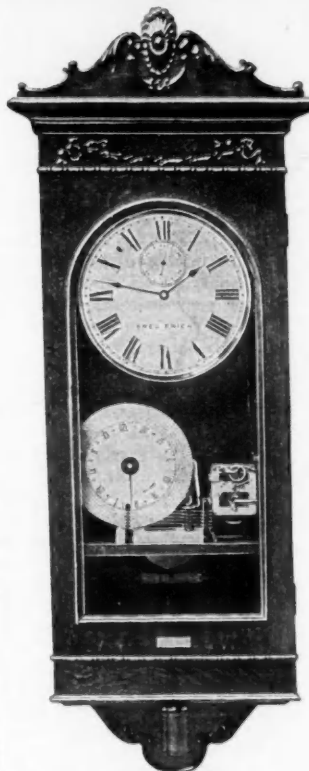
Ypsilanti, Mich. Contract for heating plant for school let to the American Blower Co., Detroit.

Billings, Mont. The Archembo Heating & Plumbing Co., of Minneapolis, secured the contract for installing the heating system in the South Side school.

The Peck, Williamson Heating & Ventilating Company, of Cincinnati, O., has installed its system in hundreds of schools. This company's system has been tested and approved by a score of authorities, who have pronounced it as safe, serviceable and saving. The firm's catalogue is sent to boards of education on request.

One Frick Automatic

Program Clock



Will Operate Secondary Clocks and Electric Bells

in any or every room of the school plant, no matter how many rooms or buildings, giving absolutely correct time and correct signals for classes, opening and closing school, intermissions, etc. All clocks are alike, all bells ring on the exact minute, every period of the days' program is carried out on the exact minute without any effort on the part of the teacher, system is made perfect and discipline raised to the highest plane.

Can be instantly set to ring the bells on any minute of the day or night.

In Public Schools it will change classes at different times in different departments, or all classes simultaneously, as required.

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(Successors to Fred. Frick.)

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AMERICAN School Buildings

Special attention given to the designing and construction of school buildings.

We solicit correspondence from school boards contemplating the erection of school buildings in all parts of the United States.

Watch this space for new designs and announcements of publications on various phases of school house construction.

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MODERN AMERICAN SCHOOL BUILDINGS

Treatise on School House Construction. Svo. xxi. + 441 pp. Cloth, \$4.00. First twelve chapters presented for first time. Chapters XIII. and XIV. were papers prepared for State Board of Health Reports. Chapter XV. is composed of papers originally written for architects and builders and last chapter compiled to complete series. 89 full page illustrations. Sample pages and illustrations on application. JOHN WILEY & SONS, Publishers, New York.



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For Regulation of Light and Ventilation in Schools, Public Buildings, Offices, Stores, Flats and Dwellings.

Attachable to All Shade Rollers.

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Pacific Coast Office: WHITAKER & RAY CO., 723 Market St., San Francisco, Cal.

School Supplies.

The Poole clock system for schools ensures uniformity of time. It requires no winding, has no springs to break, requires no repairs owing to its simplicity of construction, no cleaning and keeps correct time. The Irwin school, at Allegheny, Pa., has thirty-three of the Poole electric clocks in use. The cost of maintenance of the system for three years has been about 70 cents per year. The same record is reported from hundreds of other schools. The clock system is manufactured by the Poole Clock Co., of Wheeling, W. Va.

A. W. Baker and Miss Baker, who left the J. L. Hammett Co., of Boston, to go with the Hammett School Supply Co., have now established a school supply business for themselves. The Hammett School Supply Co. went out of business altogether a short time ago. C. R. Hammett is a traveling agent for the Bakers. Mr. Manchester, who was also with the defunct company, is now with E. E. Babb & Co., and Miss Stuart is in the Milton Bradley Co.'s Philadelphia office.

Teachers and others who are becoming interested in the use of lanterns and slides for teaching geography, history or the sciences, will no doubt be interested to know that a large number of schools in many states are now using this method of teaching with great success, and it is the opinion of many that sooner or later, lanterns and slides will be in universal use in all schools.

This thought is borne out by the fact that the pictures, when enlarged on the screen, appeal to the eye, and, as Oliver Wendell Holmes once said, "What is seen is seldom forgotten."

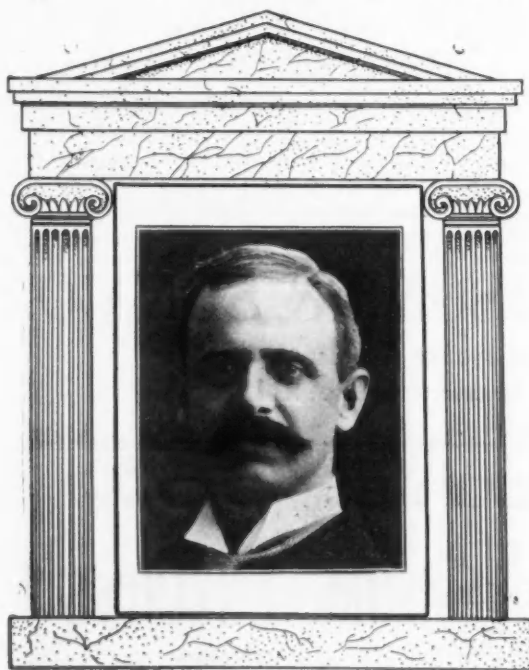
The well-known firm of A. T. Thompson & Co., of Boston, are manufacturing a very complete line of stereopticons and slides for school and college use, and their illustrated catalogues will be mailed to any teacher or prospective purchaser whose name and address is sent to 88 LaSalle street, Chicago, or 25 Bromfield street, Boston.

Although linotype operators have been using graphite to a more or less degree for years, it is only within the last few months that they have found the kind peculiarly suited to the actual needs of the machine.

The Joseph Dixon Crucible Company, Jersey City, N. J., prepared a special linotype graphite, and send samples free and testimonial letters to any one interested.

The Little Chronicle of Chicago, the new current events paper which has met with such remarkable success, has in its issues of September 14 and 21, the best account we have seen of the great national tragedy and its consequences. The treatment is graphic, comprehensive and concise, and the opening editorials in the department "Last Week in the World" are worthy of a permanent place in our national literature. The publishers state that they will be glad to send free sample copies to any of our readers upon request.

General F. V. Greene, in his article on the Regular Army, in the October Scribner, says:



HON. J. E. WILLIAMS,
President Board of Directors, School District of Little Rock, Ark.

"Of all the careers in our army there is no parallel to that of Jackson." This story of the Regular Army is noted for its crisp characterization of the leading generals and it gives for the first time a birds-eye view of the development of our army as a fighting-machine. General Greene is not only an expert military man, but a military critic of distinction.

"The Quincy Word List," by Superintendent F. E. Parlin, of Quincy, Mass., first edition of 10,000, published by The Morse Company, in May, 1901, seems to meet a very popular demand. It has received several important adoptions already. On Aug. 19 it was unanimously adopted for five years for exclusive introduction by the board of education, Cleveland, O. It is estimated that a second edition of 50,000 will be required for present adoptions.

An important announcement is made by Isaac Pitman & Sons, 33 Union Square, New York, to the effect that they propose to commemorate the beginning of the new Century by the issue of a greatly improved presentation of the Isaac Pitman system (Copyright, 1901) in an entirely new edition of their "Complete Shorthand Instructor." In this edition which will be known as the "Twentieth Century" to distinguish it from previous issues of that standard phonographic text book, the rules of the system have been entirely re-cast, and are arranged in what, it is believed, will be found the best order for teaching. A large number of new exercises have been introduced, so that the work not only contains complete and carefully graded instruction in the whole system, but a series of model exercises on every principle and on the various lists of abbreviations. In order to display the new matter to the best advantage, and to allow of the engraving of the shorthand in one uniform standard style throughout, a number of additional pages have been added to the work making it a volume of 278 pages. The advanced style for the first time is so arranged as to give an orderly presentation of the abbreviated principles which have rendered the Isaac Pitman shorthand the system *par excellence* for verbatim reporting. As a guarantee of the excellence of the printing and binding of the new "Instructor"—which is entirely an American production—it is only necessary to mention that the same is printed for Isaac Pitman & Sons, by Messrs. J. J. Little & Co., New York, printers of the Standard Dictionary, Pearsons Magazines, etc. While the type-page of the "Instructor" will be the same as heretofore, the size of the book will be somewhat increased to give wider margins, and permit the book to open more freely.

Deercreek, O. The contract for heating and ventilating the new school was awarded to the Peck-Williamson Heating and Ventilating Co.

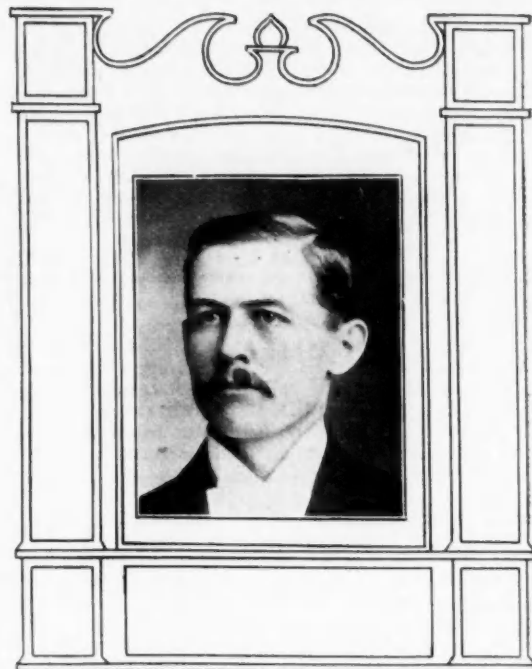
Omaha, Neb. The Johnson system of heat regulation has been adopted for use in the new high school.

Oshkosh, Wis. The plans of the American Foundry and Furnace Company was adopted or heating the new high school building.

Chicago, Ill. The contract to install a heat regulation system in Sheldon school was awarded to the Powers Regulator Co., in the James A. Sexton school to the Johnson Temperature Controlling Co.

Madison, Wis. The contract for the construction of the new heating and ventilating plant in the high school building was awarded to the American Foundry and Furnace Company of Milwaukee. The plant consists of a system of warm air circulation with power furnished by an electric motor.

San Francisco, Cal. The present board is bent on getting rid of all female teachers who have married during its regime. The city attorney has been requested for an opinion as to whether when a teacher is elected to the school department she is thereby bound by contract to observe the rules and regulations with special reference to the rule which reads that "Whenever a female teacher marries her position thereby becomes vacant." A former opinion of the city attorney and a superior court decision both hold that when a teacher marries she cannot for that reason be found guilty of unprofessional conduct or incapacity for teaching, and therefore may not be removed. The case has been appealed,



PROF. W. F. KUNZE,
Superintendent of City Schools, Red Wing, Minn.

but the board fearing that the supreme court will uphold the lower court, is endeavoring to oust the offending pedagogues on the ground that they have violated a contract.

San Francisco, Cal. The board successfully maintained in court its right to try and discharge teachers against whom the superintendent refused to prefer charges, in spite of the charter provision which gives the initiative in such matters to the superintendent.

The parent of a child who fails to produce the certificate of vaccination required by the law, is not entitled to a mandamus to compel the attendance of his child to the public schools, when he invokes his remedy as a resident and taxpayer, and claims his child has all the qualifications enumerated in the general school laws to entitle him to admission to the public schools. *Gerhard v. Packer Tp. School Dist. Pa.*

A MOUNTAIN CLIMBER.

Gains 12 lbs on Change of Food.

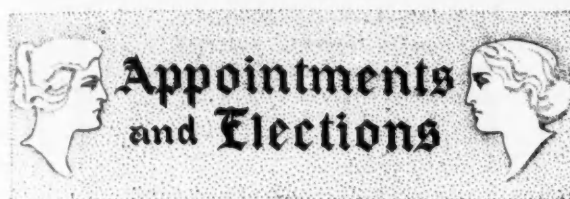
When a change in food can rebuild a man 77 years of age, it is evident that there is some value in a knowledge that can discriminate in the selection of proper food to rebuild the body. A few months ago the physician attending Warren S. Johnson of Colfax, Cal., 77 years old, told him that death from old age would soon claim him. He suffered from general weakness and debility.

An old lady advised him to quit coffee and drink Postum Cereal Food Coffee and to eat Grape-Nuts breakfast food every morning. He took the advice, and has gained 12 pounds. Says he is as well as he ever was, and can take long trips in the mountains, which he has been unable to do for a long time.

There is a reason for this; in the first place, coffee acts as a direct nerve destroyer on many highly organized people, both young and old, and many people haven't the knowledge to select nourishing, healthful, rebuilding food.

Both Postum Food Coffee and Grape-Nuts breakfast food are made from selected parts of the field grains that contain delicate particles of phosphate of potash and albumen. These two elements combine in the human body to quickly rebuild the gray matter in the brain and in the nerve centers throughout the body.

Direct, sure, and certain results come from their use and can be proven by any person that cares to make the trial. Both the Postum Food Coffee and Grape-Nuts are kept by all first-class grocers.



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Manchester, N. H.—Supt. Bickford.
Jerseyville, Ill.—Prof. Joshua Pike.
Niagara Falls, N. Y.—Supt. R. A. Taylor, \$2,000.
Red Wing, Minn.—Prof. W. F. Kunze, \$1,500.
Missoula, Mont.—Roscoe W. Beighle.
Hastings, Minn.—Prof. J. H. Lewis.

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The McIntosh Stereoptican Company of Chicago has just filled an order for the U. S. Government for a lantern outfit for use of the Riverside School of the Kiowa Indian Agency.

The College of Engineering of the University of Wisconsin has just placed an order with the McIntosh Stereoptican Company of Chicago for one of their "Imperial" Projection Lanterns for the use of that department. They expect to use several of these lanterns a little later.

OUR VENETIAN BLINDS
Keep out the Sun.
Control the Light at any part of the Window.
Permit perfect Ventilation.
No pockets or unsightly projections.
Many new school buildings have them.
They are being put in old ones.
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BURLINGTON VENETIAN BLIND CO.
BURLINGTON, VT.

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ARE RAPIDLY CLIMBING THE LADDER OF FAME.

Their recent adoption by many of the school boards in the largest cities of the UNITED STATES is unquestionable proof of their popularity. Kindly place your orders early, avoiding possible disappointment on time of delivery. Free samples and price list for the asking.

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Benches, Tools & Supplies
Lowest Prices. Headquarters. Send for Catalogue.
Special discount for Schools and Classes.
Chandler & Barber, 124 W. 126 St. BOSTON.

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Programmes on application. Round-trip tickets at 30% reduction from ordinary rates.
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GOLD BOND deposited as security to secure the full amount invested for a period of two years. If at the end of that time the investor is not satisfied with the investment, the **GOLD BOND DEPOSITED WITH HIS BANKERS** will be delivered to him upon surrender of certificate of stock. **LIMITED AMOUNT OF NON-ASSESSABLE GUARANTEED STOCK** now offered at \$1.00 per share in certificates of 100 shares or larger.

Remittances by Bank Draft, or P. O. Money Order, must be sent to the

HOLLISTER CRUDE OIL CO., Ltd.,

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BUY IMMEDIATELY. Do not delay today and regret tomorrow. Prospectus upon application.

MONEY Safely INVESTED.

If you want to make a large amount of money on a small investment buy California Rock Oil Co.'s stock now. It is one of the best oil stocks on the market for an absolutely sure profit and large future income.

Write for information and prospectus.

C. J. TALLON, Fiscal Agent,

308 Market Street, Room 16, SAN FRANCISCO, CAL.

The Little Chronicle

IN THE GREAT NATIONAL TRAGEDY. WHAT LESSONS!

In Civics and Citizenship. How vain the blow of the assassin at the machinery of Government which moved on as if he had not been. How interesting—how unforgettable—the study of that machinery at such a time.

In History. Which thrilled to the ends of the earth by telegraph and cable thundered in ten thousand presses; in the indignant voice of Civilization and woke the echoes of Past History until its figures lived again.

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Thousands of teachers used these lessons—did you?

They were treated from a school standpoint in **THE LITTLE CHRONICLE** only. **THE LITTLE CHRONICLE** is beyond comparison the best "current events" paper, and in using current events in connection with all other studies, stands alone.

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ASTHMA CURE FREE!

Asthmalene Brings Instant Relief and Permanent Cure in All Cases.

CHAINED FOR TEN YEARS



SENT ABSOLUTELY FREE ON RECEIPT OF POSTAL.

There is nothing like Asthmalene. It brings instant relief, even in the worst cases. It cures when all else fails.

The Rev. C. F. WELLS, of Villa Ridge, Ill., says: "Your trial bottle of Asthmalene received in good condition. I cannot tell you how thankful I feel for the good derived from it. I was a slave, chained with putrid sore throat and asthma for ten years. I despaired of ever being cured. I saw your advertisement for the cure of this dreadful and tormenting disease, asthma, and thought you had overspoken yourselves, but resolved to give it a trial. To my astonishment, the trial acted like a charm. Send me a full-sized bottle."

We want to send to every sufferer a trial treatment of Asthmalene, similar to the one that cured Mr. Wells. We'll send it by mail **POSTPAID, ABSOLUTELY FREE OF CHARGE**, to any sufferer who will write for it, even on a postal. Never mind, though you are despairing, however bad your case, Asthmalene will relieve and cure. The worse your case, the more glad we are to send it. Do not delay. Write at once, addressing

DR. TAFT BROS.' MEDICINE COMPANY,

79 East 130th Street, N. Y. City.

SOLD BY ALL DRUGGISTS.

W. J. Roberts, president of the Keokuk (Ia.) Board of Education, says that both hot air and steam heating systems in school houses should be equipped with automatic heat regulation.

Superintendent W. H. Wiley, of Terre Haute, Ind.: "A long session would greatly increase the eating of hard boiled eggs, pickles, candy, cake, etc. I prefer two sessions. This more nearly corresponds with what pupils must do as men and women. We don't eat for the whole day at breakfast time. We, as a rule, don't quit business at noon."

Superintendent W. C. Belman, of Hammond, Ind.: "I favor the two sessions. The study period of the students should be under control a part of the time. With us it removes them from home duties which would be done at the expense of school energy. Temptations for our boys are very marked here, and they would loaf much more."

Notice to Churches and School Trustees.

In another column is an advertisement about Hammond's Good Paint. Churches and school houses often get rusty looking, and this is not becoming either in a house of worship or a building used to train the children in. The best is none too good for either. To church or school district officers we want to say—that if you will write to us we can send you some good goods; the prices—will be as low as the market will allow for the best; by best we mean what the dictionary defines as best. Our factory is on the Hudson river at Fishkill Landing, New York. We have been in business over twenty-five years and hold behind us a substantial record. If you need paint for any purpose, we have the facilities to serve you. Benjamin Hammond, Hammond's Paint and Slug Shot Works, Fishkill-on-Hudson, N. Y.

CLASS PINS with one letters with '01, '02, '03, enameled in one or two colors, sterling silver, 25c. each; \$2.50 a doz. Silver plated, 10c. each; \$1.00 a doz. Special designs in pins or badges made for any class or society at reasonable prices; send design and class colors for estimates. Catalog free. Address K. Basten Bros., Syracuse N. Y.

A Piano at a Nominal Price.



Chicago's largest music house, Lyon & Healy, to sharply reduce stock is offering **A New Special UPRIGHT PIANO FOR \$140**

Also the finest stock of new pianos in the U.S. We can save you upwards of \$100. If you are interested in a piano, do not fail to write at once. Any piano not proving exactly as represented may be returned at their expense. **LYON & HEALY, 100 Adams St., Chicago.**

Dan E. Erickson has severed his connection with the Alfred L. Robbins-Martin Company. He has accepted the northwestern agency of the Henry Hell Chemical Company of St. Louis, Mo., manufacturers and importers of chemicals and apparatus. Mr. Erickson has opened his headquarters at Room 219, No. 52 Dearborn street, Chicago.

Mr. Charles A. Turrell, who was elected and had accepted the position as teacher of science in the Peabody High school of Little Rock, Ark., and was expected to begin his work as such on the opening, Sept. 16, sent in his resignation under date of Sept. 13, and which was received after the close of high school Sept. 16, stating that he would not take the examination before the county examiner required by law, without which examination no teacher can draw public money.

Among Boards of Education.

Havana. Senor Varona has issued a circular to the presidents of boards of education throughout Cuba reminding them that they should use great care in the selection of teachers and should not allow political opinions of candidates to weigh for or against their appointments.

Chicago, Ill. Trustee Rowland being desirous of extending the usefulness of the schools has offered a resolution embodying propositions as follows: Playgrounds in connection with all the schools; shower baths and swimming tanks; gymnasiums, with instructors; free lectures in assembly halls; opening of the schools after hours for neighborhood guild centers; free concerts, public meetings and entertainments; establishment of branches of the Chicago public library for circulation and reference.

One of the most progressive men of Cuba is Mr. Francisco P. Machado, president of the board of education of Sagua la Grande, Cuba. He speaks English fluently, has a broad conception of the educational mission of the island. He is at present in charge of the school exhibit of the island at the Cuba Building, Pan-American exposition, Buffalo, N. Y.

Mr. Angel Rivera is one of the most earnest and aggressive members of the board of education at San Juan, Porto Rico. He is highly spoken of by the school people of the island.

Connellsville, Pa. At the recently held meeting of the School Directors' Association of Fayette county, County Superintendent J. S. Carrott reported that there are barely enough teachers in the county to supply the schools. He stated that some of the teachers holding certificates were really ineligible. The reason assigned is that the pedagogues, especially the young men, have left the profession for more remunerative employment.

Lynn, Mass. It is proposed to abolish the office of school board secretary and combined its duties with that of the superintendent of schools, he to employ such clerical service as necessary.

Butler, O. The board has offered a bonus for the homeliest teacher in the state to take charge of the primary department for one year. The woman must sign a contract not to marry till the end of the school term. Within the period of one year the board employed three teachers and all went off and got married.

McKeesport, Pa. A pledge has been exacted from the woman teachers that they will not wed during the term for which they have been elected.

SEND THREE HAIRS FOR FREE MICROSCOPIC EXAMINATION

Take three fallen hairs from the morning combings and mail them to Prof. J. H. Austin, the celebrated scalp and skin specialist of years standing and national reputation, who will send you absolutely **Free** a diagnosis of your special case after making a minute examination of your hairs under his specially constructed and powerful microscope. There is no charge whatsoever, and in addition he will send a special prescription for your case put up in a little box, also absolutely **Free**. When you are cured of **Dandruff**, which is the forerunner of baldness, and grow **New Hair** Prof. Austin asks that you tell your friends about it. **Send no money**. If you are already partly or totally bald write and find the cure. **Send 2c for postage. Write To-day.** **PROF. J. H. AUSTIN, 138 Wacker Building, Chicago, Ill.**



Newark, N. Y. On the suggestion of Supt. A. B. Poland, a new marking system has been adopted. Under the system that has been in vogue the pupil's standing was indicated by one of two letters, S meaning "satisfactory," and N standing for "not satisfactory." By the new system the pupils will be marked on a scale of 10, and the figures will have the following meaning: Ten, perfect; nine, excellent; eight good; seven, passing mark; six, poor; five, very poor; four, to zero, degrees of failure. That seven is the passing mark does not indicate that the pupils must attain seventy per cent. in order to pass, for the pupils are marked on estimates and not on a percentage basis. It simply means that it appeared necessary to establish more grades below the passing mark than above it.

Danger In Soda.

SERIOUS RESULTS SOMETIMES FOLLOW ITS EXCESSIVE USE.

Common soda is all right in its place and indispensable in the kitchen and for cooking and washing purposes, but it was never intended for medicine, and people who use it as such will some day regret it.

We refer to the common use of soda to relieve heartburn or sour stomach, a habit which thousands of people practice daily, and one which is fraught with danger; moreover the soda only gives temporary relief and in the end the stomach trouble gets worse and worse.

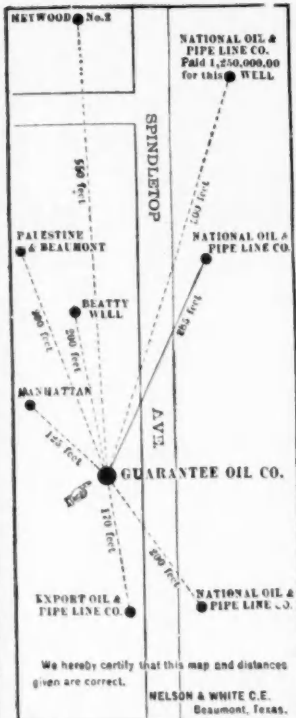
The soda acts as a mechanical irritant to the walls of the stomach and bowels and cases are on record where it accumulated in the intestines, causing death by inflammation or peritonitis.

Dr. Harlandson recommends as the safest and surest cure for sour stomach (acid dyspepsia) an excellent preparation sold by druggists under the name of Stuart's Dyspepsia Tablets. These tablets are large 20-grain lozenges very pleasant to take and contain the natural acids, peptones and digestive elements essential to good digestion, and when taken after meals they digest the food perfectly and promptly before it has time to ferment, sour and poison the blood and nervous system.

Dr. Wuerth states that he invariably uses Stuart's Dyspepsia Tablets in all cases of stomach derangements and finds them a certain cure not only for sour stomach, but by promptly digesting the food they create a healthy appetite, increase flesh and strengthen the action of the heart and liver. They are not a cathartic, but intended only for stomach diseases and weakness and will be found reliable in any stomach trouble except cancer of the stomach. All druggists sell Stuart's Dyspepsia Tablets at 50 cents per package.

A little book describing the forms of stomach weakness and their cure mailed free by addressing the Stuart Co. of Marshall, Mich.

This Map Tells the Story.



**A
GUSHER
GUARANTEED**

Beaumont, Texas, Sept. 13, 1901.
Guarantee Oil Co., Chicago:
Derrick erected and drilling progressing
smoothly. J. H. KIMBALL & CO.
—From a telegram just received.

**A
GUSHER
GUARANTEED**

A GREAT MONEY MAKER Full Paid 10c Per Share Non Assessable Guarantee Oil Co.

HAS A GUSHER GUARANTEED

In Block 38, Spindletop Heights, the very center of the great Gushers that have brought
FABULOUS FORTUNES

to their owners and stockholders. This Spindletop Heights land, owned (not leased) by the
Guarantee Oil Co., as can be seen by opposite map, is only a short distance from the

HEYWOOD WELL

MANHATTAN WELL

NATIONAL OIL & P. L. CO.

EXPORT OIL & P. L. CO.

These nearly all without exception needed money only a few months ago, and raised it
by selling their stocks at a few cents a share. The smallest of Spindletop Gushers pro-
duces more oil in one day than Pennsylvania, Ohio and Indiana combined.

THIS COMPANY OWNS ALSO
2 Acres, Block 47, Spindletop Heights—
attractive land at Damon Mound—attractive
land at High Island—controls large acreage at
Sour Lake, Dayton and Shelby Co.

The latest price bid for

Heywood Oil Co. is.....\$ 10.00 per share
Columbia Oil Co. is..... 39.00 per share
Higgins Oil Co. is..... 72.00 per share
German-American is..... 105.00 per share
Star & Crescent is..... 103.00 per share

SPECIAL FEATURES:

Small capital, only \$300,000.
Large area on R. R. for tankage.
Have use of loading racks.
Is operating alone—no combination business.

HAVE PROVIDED FOR SALE OF OIL.

Arrangements are perfected so that the Company can market its oil the minute the completed
gusher is turned over to the Company from the contractors. This is the first public offer of
stock and for a short time only a limited amount of stock will be sold at

10 CENTS PER SHARE.

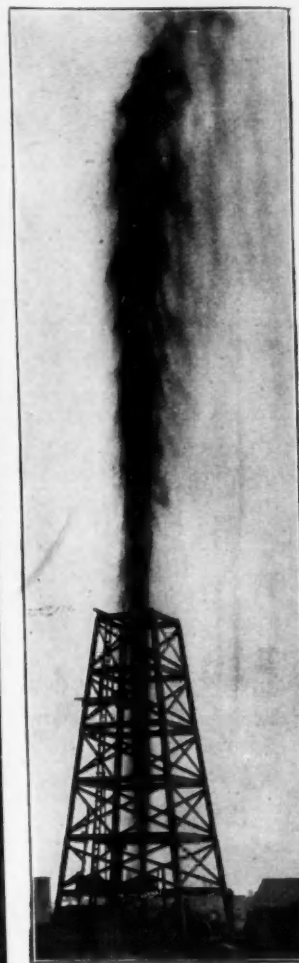
No order for less than 50 shares accepted. Apply at once, as the price will soon be advanced,
and remember that such an opportunity to buy an interest in a company whose dividends
promise to surpass each month the cost of present price is not offered once a century.

For further particulars, prospectus, etc., address

**A
GUSHER
GUARANTEED**

The Chicago Security & Trust Co.,
FISCAL AGENTS.
1012 Manadnock Block, CHICAGO.

**A
GUSHER
GUARANTEED**



Actual Photograph of Gusher in
Block 37.

THE TEXAS AMERICAN OIL COMPANY

Has just been incorporated under the laws of the STATE OF ILLINOIS. The Company owns and controls 16
tracts of land in the Beaumont district; one tract on Spindletop Heights, within 200 yards of six gushers, which
produce more oil than all the other oil fields in the United States combined.

Since January 10, 1901, 250 acres of Spindletop Heights have produced Twenty-
eight Gushers, each with a capacity of 70,000 barrels per day.

We are sure to get a \$5,000,000
Gusher, AND A GUSHER IS WORTH

Texas oil will supply fuel for the world. The scarcity of coal in the older countries
and the economy of using oil makes oil the fuel of the future, and the Beaumont has the
advantage over any other oil field inasmuch that each of its gushers will produce a
larger daily output than 2,000 ordinary oil wells, added to the fact that it is within 18
miles of the seaport and can be delivered to any port at so low a cost that no fuel can
be used in competition with it.

Those who get rich out of oil are the ones who go
in at the start. *Thousand have become rich out of small investment in Texas*
oil stocks since January the first.

The Texas American Oil Company is being financed by the following

BOARD OF DIRECTORS:

HON. THAD. C. POUND, Ex. Lieut. Governor and Congressman
for Wisconsin, Chippewa Falls, Wis.

JUDGE WM. PRENTISS, Ashland Block, Chicago, Ill.

MR. I. KEIM, Manager of Siegel, Cooper & Co., Chicago, Ill.

MR. CLARENCE H. HOWARD, President and Manager of the
Shickle, Harrison & Howard Iron Co., St. Louis, Mo.

MR. AUGUST J. JUNG, President of the Heissler and Junge
Baking Co., Chicago, Ill.

J. NEWTON HATHAWAY, M. D., Atlanta, Ga.

A small block of the treasury stock is now offered at 25 cents on the dollar in \$10.00 shares at \$2.50 per share.
When we strike oil each dollar invested will be worth twenty. Write or call for particulars at offices of the Company,
1134-5 Stock Exchange Bldg., Chicago. **W. S. DORLAND**, Secretary.

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Professor of American History in the University of Pennsylvania.

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"I don't think you have done this set justice in your advertising. I think the interest of many teachers would be immediately aroused if the essential features could be brought to their notice as they have to mine by a test."

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Many thousands of Lister's Budget of Writing Lessons were sold last year. They beat the copy book out of sight for the class room.

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